

19990320.qrp v01_n401.qrl.990320

Date: Sat, 20 Mar 1999 19:03:31 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1401

QRP-L Digest 1401

Topics covered in this issue include:

- 1) [36024] Re: Tentec QRP kits
by RangerSF5@aol.com
- 2) [36025] RE: April Fools Issues
by "Ed Tanton" <n4xy@mindspring.com>
- 3) [36026] KITES & J-POLES for 80m, 40m, 30m, 20m
by S LYON <sslyon@worldnet.att.net>
- 4) [36027] Thursday night
by John Paul Keon <jpkeon@bellsouth.net>
- 5) [36028] What up with these digital hams
by Bradford D Bilbrey <bigdawg74@juno.com>
- 6) [36029] NC-20: Q9 Replacement and findings
by "Paul R. Valko" <prvalko@oakland.edu>
- 7) [36030] RTTY Contest this weekend
by "Ron Polityka" <wb3aal@talon.net>
- 8) [36031] RE: What up with these digital hams
by Rich Mulvey <mulveyr@iname.com>
- 9) [36032] Re: What up with these digital hams
by "John J. McDonough" <jjmcd@tm.net>
- 10) [36033] Re: What up with these digital hams
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 11) [36034] CW Sending
by Fred J Kalt <w2xn@juno.com>
- 12) [36035] JOY STICK ANTENNA RE-BORN?
by Mike Duke <K5xu@cris.com>
- 13) [36036] Funkamateur Amp
by Lee Bahr <bahr521@earthlink.net>
- 14) [36037] Mag wire! Who need some ???
by pmk@juno.com
- 15) [36038] Re: R.S. Frequency Counter
by Gary L Surrency <gsurrency@juno.com>
- 16) [36039] My Apologies to the List
by Bradford D Bilbrey <bigdawg74@juno.com>
- 17) [36040] I found a QRP Rig
by Bradford D Bilbrey <bigdawg74@juno.com>
- 18) [36041] Re: April Fools Issues
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 19) [36042] Re: NC-20: Q9 Replacement and findings

by "Steve Sorrell" <ap036@detroit.freenet.org>
20) [36043] South African Straight Keys?
by Jeff Grudin <grudin@pacific.vdbs.com>
21) [36044] Re: Repetition on CW test?
by Russ Dow <n7dw@garlic.com>
22) [36045] Re: QRP Buddy
by Russ Dow <n7dw@garlic.com>
23) [36046] Magnet wire source...
by "Radman" <radman@best.com>
24) [36047] Re: What up with these digital hams
by RangerSF5@aol.com
25) [36048] Calling Frequencies?
by dave.g0dja@psilink.co.uk (Dave Ackrill)
26) [36049] 40M QRP frequency
by dave.g0dja@psilink.co.uk (Dave Ackrill)
27) [36050] SPRAT No. 60
by dave.g0dja@psilink.co.uk (Dave Ackrill)
28) [36051] Re: CW ques, followup
by dave.g0dja@psilink.co.uk (Dave Ackrill)
29) [36052] RST reports
by dave.g0dja@psilink.co.uk (Dave Ackrill)
30) [36053] KnightSMiTe Schematic need
by "Zhen Leao" <by2hit@qsl.net>
31) [36054] RE: CW Sending
by "Zhen Leao" <by2hit@qsl.net>
32) [36055] multi-banding Pixie2
by Sam Billingsley <SBillingsley@usaninc.com>
33) [36056] Re: Tentec QRP kits
by "Bill Long" <wlong@wmdc.edu>
34) [36057] standby filters at ready!
by "Walter D. Amos" <waltk8cv@surfree.com>
35) [36058] Happy99 worm
by Dave Marling <dbm@klis.com>
36) [36059] Re: Atlanticon badges
by Scott Howell <whowell@hq.nasa.gov>
37) [36060] Re: What up with these digital hams
by Michael Maiorana <mikemo@ibm.net>
38) [36061] Re: What up with these digital hams
by "John J. McDonough" <jjmcd@tm.net>
39) [36062] FS: Argosy 525 analog
by "Steve/n0tu" <n0tu@webaccess.net>
40) [36063] "psk31or there-about" not a joke
by John R Kirby <n3aaz-qrp@juno.com>
41) [36064] Re: "psk31or there-about" not a joke
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
42) [36065] Re: Calling Frequencies?
by Dick Rucker <rrucker@clark.net>
43) [36066] Re: CW ques, followup

by Steve <smann@advi.net>
44) [36067] What's going to happen when...
by Rod Cercone <rlc@fii.com>
45) [36068] Re: What's going to happen when...
by Bruce Rattray <rattray@gpfn.sk.ca>
46) [36069] Digi-stuff on 40.
by Pete Burbank <plburbank@kih.net>
47) [36070] Dumb Wire Question
by "Dennis B. Dolle" <dolledb@cet.com>
48) [36071] Re: Repetition on CW test?
by mwattcpa@earthlink.net (Marty Watt)
49) [36072] Re: What's going to happen when...
by mwattcpa@earthlink.net (Marty Watt)
50) [36073] NC20 info
by tom whalen <wb5qyt@eFortress.com>
51) [36074] Want to try LiNux cheap?
by "Caitlyn M. Martin" <cait.martin@ibm.net>
52) [36075] Re: Digi-stuff on 40.
by Richard Arland <k7sz@epix.net>
53) [36076] Re: My Apologies to the List
by "William R. Colbert" <af852@rgfn.epcc.edu>
54) [36077] Re: Dumb Wire Question
by "Frank Grigaliunas" <fgrig@iea.com>
55) [36078] re: CW ques, followup & SK
by MJC191@aol.com
56) [36079] Re: Digi-stuff on 40.
by Macstein@aol.com
57) [36080] Re: Dumb Wire Question
by ka7you@juno.com
58) [36081] NC20 info
by tom whalen <wb5qyt@eFortress.com>
59) [36082] Good QRP qso!
by tom whalen <wb5qyt@eFortress.com>
60) [36083] Re: What up with these digital hams
by af852@rgfn.epcc.edu (William R Colbert)
61) [36084] Re: "psk31or there-abouts" not a joke
by "George T. Baker" <w5yr@swbell.net>
62) [36085] Digital Smigital and qrp cw
by hamjoel@juno.com
63) [36086] Re: What's going to happen when...
by Steve <smann@advi.net>
64) [36087] Re: trailer park antenna idea
by Bill B Lazure <n2tpa@juno.com>
65) [36088] Re: CW ques, followup
by "George T. Baker" <w5yr@swbell.net>
66) [36089] Re: What's going to happen when...
by "Paul R. Valko" <prvalko@oakland.edu>
67) [36090] no chirp on n9mdk's NC20

by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
68) [36091] Re: Digi-stuff on 40.
by "George T. Baker" <w5yr@swbell.net>
69) [36092] Re: What's going to happen when...
by "Hugo W. Catta" <hugo@banet.net>
70) [36093] Re: Dumb Wire Question
by "Frank Grigaliunas" <fgrig@iea.com>
71) [36094] Re: Dumb Wire Question
by "George T. Baker" <w5yr@swbell.net>
72) [36095] How good is K2's QSK
by "Steve/n0tu" <n0tu@webaccess.net>
73) [36096] Re: Repetition on CW test?
by "George T. Baker" <w5yr@swbell.net>
74) [36097] Mag wire info from KD4OBQ
by pmk@juno.com
75) [36098] What's going to happen?
by Lee Bahr <bahr521@earthlink.net>
76) [36099] Re: April Fools Issues
by w4bws@juno.com
77) [36100] NC-20 Status
by Bradley L Mugleston <kb0rol@juno.com>
78) [36101] TRADE ONLY
by bkobie@webtv.net (patrick obrien)
79) [36102] Re: What's going to happen?
by "Steve Sorrell" <ap036@detroit.freenet.org>
80) [36103] Re: Digi-stuff on 40.
by Dave Sjolin <sjolin@swbell.net>
81) [36104] Re: What up with these digital hams
by Dave Sjolin <sjolin@swbell.net>
82) [36105] Re: What up with these digital hams
by af852@rgfn.epcc.edu (William R Colbert)
83) [36106] Re: What's going to happen when...
by "William R. Colbert" <af852@rgfn.epcc.edu>
84) [36107] Re: NC-20 Status
by David Fifield <fifield@pacbell.net>
85) [36108] Re: How good is K2's QSK
by David Fifield <fifield@pacbell.net>
86) [36109] Re: NC-20 Status
by Gary L Surrency <gsurrency@juno.com>
87) [36110] NC-20 chirp
by Gary L Surrency <gsurrency@juno.com>
88) [36111] Spring Shack Cleaning Update
by David Corkran <dcork@sl001.infi.net>
89) [36112] Re: CW ques, followup
by Chris Cartwright <ccart@dns.vidtel.com>
90) [36113] QST article
by "JUNIUS B FOX" <w5hir@gte.net>
91) [36114] FOXii Scores??

- by Jim NOUR <n0ur@yahoo.com>
- 92) [36115] Re: Digi-stuff on 40.
by Bruce Muscolino <w6toy@erols.com>
- 93) [36116] Re:11-2-10
by w4bws@juno.com
- 94) [36117] Re: Digi-stuff on 40.
by Clay N4AOX <wyn@worldnet.att.net>
- 95) [36118] Re: NC20 info
by "Steven Weber" <kd1jv@moose.ncia.net>
- 96) [36119] Re: April Fools Issues
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 97) [36120] Re: CW Sending
by MertNellis@aol.com
- 98) [36121] Re: "Found it layin' beside the road"
by Paul Stroud <aa4xx@ipass.net>
- 99) [36122] Re: Dumb Wire Question
by BC <bcrow@powerlink.net>
- 100) [36123] NC20 fun !
by tom whalen <wb5qyt@eFortress.com>
- 101) [36124] Dumb Wire Question Thanks
by "Dennis B. Dolle" <dolledb@cet.com>
- 102) [36125] Red Hat LINUX 5.1 sold
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 103) [36126] Want: NCG tribander (7/21/50)
by "Caitlyn M. Martin" <cait.martin@ibm.net>

Date: Fri, 19 Mar 1999 19:12:27 EST
From: RangerSF5@aol.com
To: KG9HV@aol.com
Cc: QRP-L@lehigh.edu
Subject: [36024] Re: Tentec QRP kits
Message-ID: <10e0e971.36f2e7eb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I never built any of the TT QRP rigs but I worked many of them on the air and they do sound good.

The only bad thing I heard of them is a bit more drift then usual during warm up but while working them,I don't ever recall needing to follow them around with the RIT.

My 02 cents.
Bob
WA2HOQrp <tm>

Date: Fri, 19 Mar 1999 20:34:40 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <buydens@duke.usask.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36025] RE: April Fools Issues
Message-ID: <005001be7271\$d29df230\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Did you ever see the one about hooking up the microwave oven magnetron tube's power supply backwards, and making it a refrigerator?

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

Date: Fri, 19 Mar 1999 20:38:29 -0500
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-1@Lehigh.EDU>
Subject: [36026] KITES & J-POLES for 80m, 40m, 30m, 20m
Message-ID: <36F2FC15.AE73F0D6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As threatened, here are dimensions for the J-poles I've got built for Kite suspension. I've used the 40m briefly and it loads easily, but I had to put a bead balun on the coax. I'll try again this Sunday... it's been VERY windy -and dangerous with the 9' KITE. I'm using foam 300-ohm from Home Depot for the J-poles, hanging them from an 800' Kite line at the 200' point. Twinlead is VERY whippy in wind so will change to my H.B. ladder line in future. The bottom of the J is tensioned and taped to an anchor line tied to a small bush -necessary to keep it from pulling the rig all over the field. I use 1" fiberglass reinforced tape for attachmenet loops on the top and bottom of the twinlead, with 6" - 8" lap for good bonding strength. More later.... eventually an article w/pix. 72 -s-

LENGTH	Match sect.	Feed
Tot.ft.	(1/4" notch)	tap
-----	-----	-----

3.5mHz 200.3' 66.7' 4.3'

7.0 100' 33.3' 2.1'

10.2 69' 23' 1.5'

14.0 50' 16.6' 1.0'

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Fri, 19 Mar 1999 21:24:43 +0000
From: John Paul Keon <jpkeon@bellsouth.net>
To: njqrp <njqrp@njqrp.org>, "klqrp@waterw.com" <klqrp@waterw.com>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, LI QRP Club Server <liqrp@waterw.com>
Subject: [36027] Thursday night
Message-ID: <36F2C096.B82D6DFD@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If all goes well, I should have a Fireball 40 delivered here in the next day or so..

When we go down on thursday night I will be operating hopefully from that rig..

It is the NJQRP Fireball 40 meter 40mW rig...

I will be on the frequency 7.080 when I get it on the air..

hopefully I will be using the Amplifier with it so that I will have a whopping QRO

1.5 watts out....

I will be using a 40 meter walking stick vertical with 60 or 120 radials....

So listen up for me best you can in the early afternoon.

As we will be getting there on the 11am ferry on Thursday I will probably be on the air by about 2pm...

I will try to help the others set up their stuff too... and that way we can all get on the air..

For those of you in the upper regions we are going to go down there for four days of operating..

Go to our web site and get the info..

<http://www.ipass.net/~aa4xx/core.htm>

<http://www.drumwagon.com/awfc/default.htm>

and to see the weather we are having there, you can go to the buoy...

<http://www.nws.fsu.edu/B/buoy?station=clkn7>

So keep your fingers crossed.

We will be operating on all the QRP freqs and will be on CW and SSB this time.

So those of you who need a card from IOTA NA-067 still, or the NC islands, NC-033s

or want to listen to the beacons.....

or just ragchew...

contact us..

Now I plan to also make up a certificate (I'm also QSL manager by the way)

and it will be for the Fireball to Fireball qso's I make too.....

I will think up something cute...

Oh Gang, I am printing up certificates for this one in color and if you want one, you'

need to put that in the envelope (SASE of course, and make it a large one, so I can

just two fold the certificates...)

Any questions feel free to contact me..

Now that is if the rig gets here from George....hi hi...

and I am sure it will...

He was nice enough to send me one already put together...

I have to work through Sunday and then have to do some other odds and ends

between then and the time we leave on Thursday morning....so I am strapped for time...

And when he heard that he said he would send me the kit already put together..

So you guys are really in luck....

Fireball to Fireball on Core Banks....hope we can do it... that is a good one..

When you see the website you will see that we are going to put up an antenna for 160 and 80 and we can't put it up over 500 feet...

law says so....

So we will have APRS there too....see the site...

Matt and I are doing APRS too and maybe some packet too...

We are going to fish, play radio, eat and drink and have a good time for four days

and I won't have to arrest anyone.....can't really and that is the best

part...

hi hi...

And we plan to make a SMiTe to SMiTe contact with the group in DL land too...

that will be good if we pull it off....

Since Paul/AA4XX already has the record on 40 meters. hi hi....

Any others who want to contact us make sure to look for us too...

JohnPaul/AB4PP "Sir Scribe, Scroungermeister, and Verticalmeister of the Klites"

You have to ask Paul/AA4XX about the last two new names I got.....hi hi

And of course there will be a great story on this trip when we get back.....

As the cajun cook says, "I guarantee it"

Date: Fri, 19 Mar 1999 19:41:42 -0700

From: Bradford D Bilbrey <bigdawg74@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [36028] What up with these digital hams

Message-ID: <19990319.194142.11966.9.bigdawg74@juno.com>

I wanted to have a few QSO's tonight so I tuned to 14.060 and what do I hear, some sort of digital communications, never heard it before (maybe PSK31?) anyway I jump down to 7.040 and somebody is sending rtty. So I fire up the little rtty decoder I got and it's KK50Q calling CQ. What's up with that, isn't there enough bandwidth to work than right on top of a calling freq? Is this just belligerence or ignorance or both? Or is it my problem, not being tolerant? I don't know, I'm just fired up right now.

Sri abt that

Brad

KE7MU

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 21:52:48 -0500 (EST)

From: "Paul R. Valko" <prvalko@oakland.edu>

To: "Walter D. Amos" <waltk8cv@surf.free.com>

Cc: QRP List <qrp-l@lehigh.edu>

Subject: [36029] NC-20: Q9 Replacement and findings

Message-ID: <Pine.OSF.3.95.990319214239.15723A-100000@saturn.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 19 Mar 1999, Walter D. Amos wrote regarding the Q9 replacement:

> And the hang on receive is gone also?
> And the whack in the ear on loud signals is gone also?

It works PERFECTLY - almost Ten*Tec-ish QSK... not quite in between elements (dits and dahs), but certainly in between characters.

I also put a new FET in Q1. I do not notice any "improvement" there.

Because I was having so much fun, I did the 10T pot mod, too. Now I have to drill the front panel hole bigger. MAN - is that 10T pot a "MUST DO" modification - what a HUGE improvement! I've got 14.002 to 14.088 linear coverage now!

I was an unbeliever in the 10 turn pot mods, I thought they were expensive and unnessasary. *** I HAVE SEEN THE LIGHT *** Someone say, "AMEN!"

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 19 Mar 1999 22:03:23 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: <qrp-l@Lehigh.EDU>
Subject: [36030] RTTY Contest this weekend
Message-ID: <014a01be727e\$3802b5a0\$6d5445c6@ronaldpo>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

Just to let everyone know there is a BARTG RTTY
Contest this weekend.

73 Ron de WB3AAL

Date: Fri, 19 Mar 1999 22:04:25 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: Bradford D Bilbrey <bigdawg74@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36031] RE: What up with these digital hams
Message-ID: <XFMail.990319220425.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On 20-Mar-99 Bradford D Bilbrey wrote:

> I wanted to have a few QSO's tonight so I tuned to 14.060 and what do I
> hear, some sort of digital communications, never heard it before (maybe
> PSK31?) anyway I jump down to 7.040 and somebody is sending rtty. So I
> fire up the little rtty decoder I got and it's KK50Q calling CQ. What's
> up with that, isn't there enough bandwidth to work than right on top of a
> calling freq? Is this just belligerence or ignorance or both? Or is it my
> problem, not being tolerant? I don't know, I'm just fired up right now.

Well, 7.040 *is* the RTTY DX frequency, so it is perfectly reasonable for
someone to be calling there.

As for 14.060 - well, as others have mentioned here, QRP'rs are getting into
PSK31. So, it might have been legit, as well.

- Rich

--

Rich Mulvey
<http://mulvey.dyndns.com>
Amateur Radio: aa2ys@wb2wxq.#wny.ny.usa

Date: Fri, 19 Mar 1999 22:19:12 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <bigdawg74@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36032] Re: What up with these digital hams
Message-ID: <005601be7280\$72a2ba00\$010044c0@mdp23b>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Bradford D Bilbrey <bigdawg74@juno.com>

> anyway I jump down to 7.040 and somebody is sending rtty.
> So I fire up the little rtty decoder I got and it's KK50Q
> calling CQ. What's up with that, isn't there enough
> bandwidth to work than right on top of a calling freq? Is
> this just beligerence or ignorance or both?

If you were a RTTY op, looking for DX, why wouldn't you call CQ on the RTTY
DX calling frequency?

The real question is - why is the QRP calling frequency and the RTTY calling
frequency the same? On every other band we're .060 up. But on 40, we had
to break the pattern to interfere with the RTTY ops.

Actually, I find the QRO FISTS guys on 20 a lot more irritating. When you
hear packet stations slide down to 14.060 it's generally because there are
lots of packet and RTTY stations above there. But these FISTS guys with
their kilowatts slide up to .060 when there's not a soul down lower. Seems
like it's always the guys who are 60 over and a mile wide, too. It's like
they're -trying- to be obnoxious.

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 19 Mar 1999 22:29:38 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36033] Re: What up with these digital hams
Message-ID: <199903200330.DAA17718@out5.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Fri, 19 Mar 1999 19:41:42 -0700, Bradford D Bilbrey wrote:

Hi, Brad,

>What's

>up with that, isn't there enough bandwidth to work than right on top of a
>calling freq? Is this just belligerence or ignorance or both? Or is it my
>problem, not being tolerant?

I doubt most non-QRP-type hams are aware of what QRP calling frequencies are, so it's probably ignorance. We also have to remember that these frequencies are not official or protected in any way. He has as much right to it as anyone else, and his mode is perfectly legal there.

73,
Caity
KU4QD

Caitlyn M. Martin	"They have computers... and may have
cait.martin@ibm.net	other weapons of mass
http://www.caitys-world.com	destruction" -Janet Reno

Date: Fri, 19 Mar 1999 22:44:36 -0500
From: Fred J Kalt <w2xn@juno.com>
To: qrp-l@lehigh.edu
Subject: [36034] CW Sending
Message-ID: <19990319.224437.-671893.3.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I would be interested to know how many people use a straight key, or a bug, or a paddle and keyer with their QRP CW rigs. Also, why do yo use that type of key instead of one of the others.

I prefer my Bencher paddle and keyer (built from a kit) because it is less tiring on my forearm. I do like to use the straight key, but only use it when I need to go very slowly for a slow operator or on Straight Key Night.

fred w2xn

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 22:52:57 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36035] JOY STICK ANTENNA RE-BORN?
Message-ID: <Pine.GSU.4.05.9903192251050.16550-100000@galileo.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Did I read somewhere that someone has brought this antenna back into the world, or did I dream it? I can't find the ad anywhere.

For the new among us, this is from the BC (before computer) amateur radio days.

Mike Duke, K5XU,
President,
Mississippi Council of the Blind
<http://www.prestridge.com/mcb/>

Date: Fri, 19 Mar 1999 22:51:12 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [36036] Funkamateur Amp
Message-ID: <36F32940.D0EF41A0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well I got my Funkamateur amp. The instructions on how to build the amp were supposed to be in English but they came to me in German. (I knew I should have done a better job listening to my Grandparents speaking in German when I was a small kid)! A note came with the amp saying there would be English build instructions on Funkamateurs web page as of March 19. I do not find any English instructions on their web page. Am I missing something. March 19th is over in Germany. Are the instructions

there and I can't find them? If anyone out there gets the instructions translated, I sure would like to get a copy of them. The pictures on winding the toroids don't give me a clue as to what needs to be done. As for the quality of the board and installed surface mounted parts: The board looks very nice and high quality. I'm sure I will like the amp once I can figure out how to finish building it, for my Sierra. Lee bahr w0vt

Date: Sat, 20 Mar 1999 04:56:11 -0500
From: pmk@juno.com
To: qrp-1@lehigh.edu
Subject: [36037] Mag wire! Who need some ???
Message-ID: <19990320.051056.3894.0.pmk@juno.com>

I guess I am so lucky as to have a big supply next door to me. I usually buy from a surplus house but there is a electric motor repair shop next door. I can check and see if he can get wire cheap and just roll it up and put it in envelopes (say 20' each) and sell it to list members for a buk or so.

If I get a lot of response I will do it. If I just get a hand full I can fill those orders with what I have here in the shack.

72 de Patrick KD4OBQ

AR
<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 21:39:29 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: n2zhy@amsat.org
Cc: qrp-1@Lehigh.EDU
Subject: [36038] Re: R.S. Frequency Counter

Message-ID: <19990319.223048.-4065959.2.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Switch it to the high impedance setting, since you are try to pick up a small RF signal on the built-in telescoping antenna. That antenna is definitely **not** resonant on the HF bands, so there's no way a 50 ohm antenna impedance is going to happen. That setting is for when you attach a probe, or test leads to the input for measuring frequency in a circuit.

I have one of these counters sitting on top of my QRP power supply, that sits on a shelf above the operating position. I can get a triggered frequency reading from any of my low-mounted antennas at power levels from 1-5 watts - no problem.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 22:32:43 -0700
From: Bradford D Bilbrey <bigdawg74@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [36039] My Apologies to the List
Message-ID: <19990319.224156.11966.15.bigdawg74@juno.com>

To my brothers of the KEY

My Apologies to the List, I stand corrected, I guess I am the ignorant one. After being a Ham for 17 years I didn't know that 7.040 was the RTTY calling freq. I learn something every day (If I'm lucky).

Thanks to all that responded. Even though I had a Ratty operator start operating on top of a QSO in progress, I still managed a 3 watt QSO with K7MOS in Billings Mt. and a 5 Watt QSO with AA1PY in Newton NH.

72's

Brad "BigDawg" Bilbrey
KE7MU, QRP-L #1912, 80 FXWG, #12 Redwing

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or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 19 Mar 1999 22:40:28 -0700
From: Bradford D Bilbrey <bigdawg74@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [36040] I found a QRP Rig
Message-ID: <19990319.224156.11966.16.bigdawg74@juno.com>

I want to thank all who responded with info and suggestions on a QRP rig.
I did find one that I am going to buy. The unit is a OHR-400. If anyone
has any mod's or improvements, I would be interested in them. Comments or
opinions are also welcome. My good friend and elmer Tom AC7A was
instrumental in helping me decide. Hats off to you Tom. I will get the
radio in time for Run to the Border, I will be operating from Park Canyon
Lake on the Arizona / Mexican border.

Again Thanks for the Help

72's

Brad "BigDawg" Bilbrey

KE7MU, QRP-L# 1912, 80 FXWG, #12 Redwing, OHR-400 (Soon)

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 06:02:14 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <n4xy@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36041] Re: April Fools Issues
Message-ID: <00d401be7297\$34b11040\$ae42b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yeah, and all the stuff gets cold in only 60 seconds. Those microwaves are fast, man!

de Steve, W8SFF

----- Original Message -----

From: Ed Tanton <n4xy@mindspring.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Saturday, March 20, 1999 01:34

Subject: RE: April Fools Issues

>Did you ever see the one about hooking up the microwave oven magnetron
>tube's power supply backwards, and making it a refrigerator?

>

>72 / 73 Ed N4XY email: <n4xy@mindspring.com>

>

>

Date: Sat, 20 Mar 1999 06:06:13 -0000

From: "Steve Sorrell" <ap036@detroit.freenet.org>

To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [36042] Re: NC-20: Q9 Replacement and findings

Message-ID: <00e801be7297\$c33c7520\$ae42b3c7@sorrells>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

YO, AMEN, man!

de Steve, W8SFF

----- Original Message -----

From: Paul R. Valko <prvalko@oakland.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Saturday, March 20, 1999 02:52

Subject: NC-20: Q9 Replacement and findings

>

>On Fri, 19 Mar 1999, Walter D. Amos wrote regarding the Q9 replacement:

>

>> And the hang on receive is gone also?

>> And the whack in the ear on loud signals is gone also?

>

>It works PERFECTLY - almost Ten*Tec-ish QSK... not quite in between

>elements (dits and dahs), but certainly in between characters.

>
>I also put a new FET in Q1. I do not notice any "improvement" there.
>
>Because I was having so much fun, I did the 10T pot mod, too. Now I have
>to drill the front panel hole bigger. MAN - is that 10T pot a "MUST DO"
>modification - what a HUGE improvement! I've got 14.002 to 14.088
>linear coverage now!
>
>I was an unbeliever in the 10 turn pot mods, I thought they were expensive
>and unnessasary. *** I HAVE SEEN THE LIGHT *** Someone say, "AMEN!"
>
>73! =paul= W8KC
>Collector of Ten*Tecs and other fine plastics
><<http://www.acs.oakland.edu/~prvalko>>
>
>

Date: Fri, 19 Mar 1999 22:40:47 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [36043] South African Straight Keys?
Message-ID: <36F342EF.834D6C1E@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

About a year ago, someone brought some small straight keys from So. Africa to a Norcal Meeting. (I know the man, talk to him almost every month, and suddenly am at a loss for his name or call). They were also offered on the web for sale.

A few guys in my local club are looking for these keys. Does anyone know where or how to get them?

Thanks in advance.

--

73 de AC6KW <<mailto:grudin@vdbs.com>>
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Fri, 19 Mar 1999 23:22:16 -0800

From: Russ Dow <n7dw@garlic.com>
To: elawson@lr.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36044] Re: Repetition on CW test?
Message-ID: <36F34CA8.29E7CF6F@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed is correct. I don't know for sure how the other VECs do it (W5YI, etc.), but the ARRL code tests do not have repetitions except for the callsigns, which are sent at the beginning and end of the test transmission. This gives you two chances to get the callsigns straight. On the rest of the test there are no repeats, so copy all you can! On the air you'll hear tons of repeats, especially names and QTHs.

73, Russ N7DW

Ed Lawson wrote:

> On Fri, 19 Mar 1999 09:18:15 PST, Christopher Brewster wrote:
>
> >Could someone enlighten me?
>
> Don't count on repediton. However, the test follows a QSO
> format which means you can expect callsigns at both ends.
>
> Ed Lawson

Date: Fri, 19 Mar 1999 23:34:15 -0800
From: Russ Dow <n7dw@garlic.com>
To: kb9bvn@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36045] Re: QRP Buddy
Message-ID: <36F34F77.3A48C105@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Right-o. Didn't want to give it away totally! Haven't read the article yet; death in the family has us busy.

73, Russ N7DW

Brian Murrey wrote:

```
> See the 4/99 QST article on Smoketron Technology. :-)
>
> Russ Dow wrote:
> >
> > Just got my issue today. That article looks on the level.
> > Howsomever, beware of the April issues of _all_ U.S. ham magazines.
> > Maybe the Brits' and Canadians' ham mags too.
> > There's invariably one article in each of them to pull our chains!
> >
> > 73, Russ N7DW ** Sierra operator ** Fists #4714
> >
> > Steve Sorrell wrote:
> >
> > > I don't know who all on the list gets Q'Street, but the April issue has a
> > > neat little construction article on page 47 called 'The QRP Buddy'. The
> > > little package is designed to travel and work with QRP rigs and provide a
> > > basic level of trouble shooting support. The little box has a Voltage
> > > Checker, RF indicator, Continuity Checker and a Dummy Load built into a
> > > little Rat Shack project box.
> > > So much for complaints about no QRP articles in Q'Street, eh?
> > >
> > > Steve Sorrell, W8SFF
```

Date: Sat, 20 Mar 1999 00:43:25 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36046] Magnet wire source...
Message-ID: <199903200840.AAA00166@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

IMHO, one of the handiest "tools" for QRP antenna/homebrew is a nice roll of 26 ga magnet wire. You can wind nearly any toroid with the stuff and it makes for great stealth antennas. I've built numerous end-fed random wires & dipoles... works well !

Here's the vendor I've used:

Team Sales
12502 Palos Tierra Rd,
Valley Center, CA 92082-5741

Tel: 760-749-2033
FAX: 760-749-6062

They don't use email, web pages, 800 numbers, the Internet, etc. Just phone, FAX and US mail. They don't accept plastic charge cards, but will accept PO money orders. Ask for Mike Kapp or Val... they're very nice people to work with and they'll ship Priority Mail or UPS. Priority Mail probably being your best bet on smaller orders of a couple of spools in the US. They will also ship to Canada, UK, etc, -- call, write or FAX them for terms.

Here's the prices/specs for quarter-pound rolls of 155 degree C Polyurethane Nylon coated magnet wire in both red and green. The 155C is the lowest common melting point of the Poly-coated magnet wires and is suitable for dipping in a solder pot or tinning with your soldering iron and standard 60/40 solder -- or, using the Bic lighter and emory cloth method.

#20, .25 pounds, 80.7 ft, Red or Grn, \$2.00 ea
#22, .25 pounds, 129 ft, Red or Grn, \$2.00 ea
#24, .25 pounds, 201 ft, Red or Grn, \$2.25 ea
#26, .25 pounds, 319 ft, Red or Grn, \$2.25 ea
#28, .25 pounds, 507 ft, Red, or Grn, \$2.85 ea
#30, .25 pounds, 802 ft, Red or Grn, \$2.85 ea

They also sell 0.5 pound & one pound rolls... just ask for quote. Cool wire :-)

No relation... std disclaimers.....

Gud DX - 72,

Conrad - NN6CW

Date: Sat, 20 Mar 1999 03:42:35 EST
From: RangerSF5@aol.com
To: jjmcd@tm.net, QRP-L@lehigh.edu
Subject: [36047] Re: What up with these digital hams
Message-ID: <71e6a04d.36f35f7b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-03-19 22:21:45 EST, you write:

<< But these FISTS guys with
their kilowatts slide up to .060 when there's not a soul down lower. Seems
like it's always the guys who are 60 over and a mile wide, too. It's like
they're -trying- to be obnoxious. >>

I'm a FISTS member and proud of it.# 4916.
I don't have a kilowatt station and I work many QRP stations.
I'm also a QRP op and I had many times been blown off the air by ritty op's.
However,
As a CW operator,I have my rig set up for working CW.
How many of you have a rig narrowed down to 110 HZ?
I think that you should take a better look at what happens at times of good
band openings..
I received many reports of 579 on 4 watts from other Countries.
Look at the MFJ SSB rig.
I'm hearing more and more of them and they sound like their running 200 watts
instead of the 10 WATT PEP.
I think you owe apologies to the FISTS members.
We all love our CW and the so called OBNOXIOUS CW/RITTY op's are just a drop
in the bucket.
We have to learn to make the best of what space we have left on the bands.
The last thing we need is a CW,RITTY,QRP,and QRO war.
Also as much as I hate digital communications,I have to respect the other ham
for what type of communication modes he likes to work.
72/73
Bob
WA2HQrp <tm>

Date: Sat, 20 Mar 1999 08:47:07 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)

To: qrp-1@lehigh.edu
Subject: [36048] Calling Frequencies?
Message-ID: <E100HNU-0006BS-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Perhaps, we are using the wrong description?

I always thought that there were no 'calling frequencies' for QRP, but rather they are 'centers of activity', this would mean that people would congregate somewhere near them.

de Dave (G0DJA)

>You are right. The calling frequencies are just that, calling
>frequencies, intended to contact others of the same interest and THEN
>MOVE to another frequency near, or far, for the QSO.

Date: Sat, 20 Mar 1999 08:47:04 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-1@lehigh.edu
Subject: [36049] 40M QRP frequency
Message-ID: <E100HNR-0006BS-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>At one time, all QRP calling frequencies were at 060 above the bottom of
>the band, and most still are. The real question should be why 40M is the
>exception :-) I don't know when, but somewhere in the dim past that one
>was moved lower in the band due to all of the "digitalis" up higher.

Remember that we don't all have access to the 300kHz that you do in the States. :o)

Over here we have to crowd everything into 100kHz of band. So, our bandplan is much tighter and 7.060 is well into the SSB+CW area.

Also, the accepted QRP spot, in Europe at least, on 40M is 7.030 MHz.

HTH de Dave (G0DJA)

Date: Sat, 20 Mar 1999 08:47:06 -0800

From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-1@lehigh.edu
Subject: [36050] SPRAT No. 60
Message-ID: <E100HNt-0006BS-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yes, I do.

What would you like to know?

Cheers de Dave (G0DJA)

>Hi Gang!

>

>Does anyone out there have a copy of SPRAT Autumn 1989 issue # 60?

>I need some info from that issue.

>Thanks for any help.

>

>Dick W8RAD

Date: Sat, 20 Mar 1999 08:47:09 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-1@lehigh.edu
Subject: [36051] Re: CW ques, followup
Message-ID: <E100HNw-0006BS-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The story goes that Morse, and his assistant analysed the numbers of each letter used in a printing shop, and assigned short characters to the most used and progressively longer to the least used.

All numbers, of course, have the same number of elements to them, but have an increasing number of dits to dahs, up to the number 5 and then an increasing number of dahs to Zero. :o)

Rather than being 'simpler to remember' the most used letters are the shortest to send thus saving time on the wires!

HTH de Dave (G0DJA)

>I always wondered about 0 being so long. I assumed that common
>letters (E,I,S,T,M,O) were given "all dit" or "all dah" codes that
>were simpler to remember. I'm sure that there was some system. Maybe

>a code historian on the list has an answer.

Date: Sat, 20 Mar 1999 08:47:11 -0800
From: dave.g0dja@psilink.co.uk (Dave Ackrill)
To: qrp-1@lehigh.edu
Subject: [36052] RST reports
Message-ID: <E100HNz-0006BS-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rather makes a mockery of the RST system, doesn't it?

If someone is 559, then give that report. It shouldn't matter whether they are running 500mW or 500W.

Perhaps we should use a random number generator instead. HI....

BTW, I once got the signal report 509. When challenged, I was told that I 'was not moving the 'S' meter, so I *must* be zero signal strength'!

de Dave (G0DJJA)

>Fred, prior to telling him you were qrp he probably couldnt come up with
>a reason in his own mind for why you were so weak. As a result he likely
>inflated your signal report to 579 from say a true 559 or less, so as
>not to offend you. If you were really a 579, he probably would have
>given you a 599. :-)

Date: Sat, 20 Mar 1999 08:34:46 +0800
From: "Zhen Leao" <by2hit@qsl.net>
To: "QRP" <qrp-1@Lehigh.EDU>
Subject: [36053] KnightSMiTe Schematic need
Message-ID: <003401be72bc\$a54170a0\$4ec7fea9@lsc1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi OMs,

Is there any KnightSMiTe Schematic available on the www?

And dose it have the same performance like Pixel2?

73,72

-Zhen Leao
BD4JI/BY2HIT
QRV on 15m and 40m band CW

Date: Sat, 20 Mar 1999 18:57:08 +0800
From: "Zhen Leao" <by2hit@qsl.net>
To: "QRP" <qrp-1@Lehigh.EDU>
Subject: [36054] RE: CW Sending
Message-ID: <00ff01be72c0\$908d01c0\$4ec7fea9@lsc1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I prefer my Bencher paddle and keyer (built from a kit) because it is
>less tiring on my forearm. I do like to use the straight key, but only
>use it when I need to go very slowly for a slow operator or on Straight
>Key Night.

I prefer my straight made in Changshu China, but using it contact
more than 20 stations per hour will be very tired! So I will use my
paddle with homebrew controller in DX hunting and use NA for
contest.

Every key has different feeling, and I think it's like the difference
between Amateur Radio and Internet. Each of them has their
different advantage and feeling but it will not compete for ever.

Long life Amateur Radio! Long life QRP and QRPP!

72,73

-Zhen Leao
BD4JI/BY2HIT

Date: Sat, 20 Mar 1999 06:59:35 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>, pskey@okcforum.org
Subject: [36055] multi-banding Pixie2
Message-ID: <21E06269B00ED111BE9B00805F6D0FA37459B7@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

Jim ,

Good idea and easy to do but I recommend that you go to Radio Shack and buy a small assorted pack of mini-slide switches and use them to change the bands. My experience with alligator clips is sooner or later you'll clip the wrong lead to something and smoke will occur. It will all fit in an ALTOIDS box with the switches along one side.

Sam Billingsley AE4GX Atlanta,GA

>>>>>snip>>>>>

When my Pixie2 arrives in the mail soon, I'm thinking of trying to build it in such a way as to facilitate changing bands. As I understand it, you only have to change the crystal, and a coil. I've heard of using alligator clips to fashion a crystal socket that will hold just about any sort of crystal. I'm thinking about trying to do that, with my Pixie2, so that changing crystals will be easy (and flexible). It has occurred to me that I might also use a similar technique (alligator clips) to make the coil easily changed. Then, putting the Pixie2 on 17M or something would just be a matter of changing out the coil and the crystal, using the alligator clips in each case.

Comments? Suggestions?

--Jim WB5UDE

Date: Sat, 20 Mar 1999 12:21:21 +0000
From: "Bill Long" <wlong@wmdc.edu>
To: KG9HV@aol.com, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [36056] Re: Tentec QRP kits
Message-ID: <199903201219.HAA20327@ns1.wmdc.edu>

Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Sure,

I'm happy as a clam with mine (the 1340). The RX is not too wide for my taste, the RIT is a nice feature (good in fox hunts). The QSK is silky smooth. On-air reports I've received have always been high quality. Folks say it sounds great. The manual and Ten-Tec support are great.

The VFO does drift with temperature as it warms up. Several hundred Hz in a 15 minute QSO, but doesn't bother me at all. I simply tweak the VFO a tad as the QSO goes along. Gives me something to do.

I'd buy another. I don't know how it compares to the other similarly-priced kits on the market, never tried them. This was my first kit, and my introduction to QRP. I feel I was a winner on all counts.

73, Bill NY3M

>From: KG9HV@aol.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Tentec QRP kits
>Date: Fri, Mar 19, 1999, 23:55
>

> I am running a 20M QHR here and having good luck with it. I have looked
>at
>the Ten Tec QRP rigs...Not priced to bad, but have heard negative things abt
>them
>on the air. Does anyone have one of these rigs? What do you think of them. I
>heard
>the receive is too wide.....any input is welcome.....
>DE KG9HV.....QRP-L 1643 FISTS 1750/CC562
>

Date: Sat, 20 Mar 1999 12:26:05 +0000
From: "Walter D. Amos" <waltk8cv@surf.free.com>
To: qrp-l reflector <qrp-l@lehigh.edu>
Subject: [36057] standby filters at ready!
Message-ID: <36F393DC.4D1A6FD7@surf.free.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

When Funkamateur prints in ENGLISH is on the way! :-)

--

Walt K8CV Royal Oak, Michigan, qrp-l # 935, Zombie # 188 !

"We're just a small sub-group of an eclectic corner of a dying hobby!"

Date: Sat, 20 Mar 1999 08:41:23 -0400
From: Dave Marling <dbm@klis.com>
To: qrp canada <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [36058] Happy99 worm
Message-ID: <36F39773.872C4674@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good Saturday morning,

The following note from SoftSeek, a weekly automatic software e-mail regarding "Happy99.exe". The flurry of infections seems to have subsided but I still see some reference on other reflectors.

--

A HAPPY ENDING

Happy99.exe is a virus-like "worm" that spreads via e-mail. It masquerades as a file attachment that, when clicked, displays fireworks while it quietly infects your system. Happy99Cleaner can rid your computer of this dangerous pest. And if you unknowingly e-mailed Happy99.exe to others, the cleaner will also produce a list of e-mail recipients for you.

Happy99Cleaner 2.0, Windows 95/98/NT Freeware:
<http://www.softseek.com/files/review?UTVI23313sw>

--

Dave
VE1VQ

Date: Sat, 20 Mar 1999 08:13:32 -0500

From: Scott Howell <whowell@hq.nasa.gov>
To: pharden@aoc.nrao.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36059] Re: Atlanticon badges
Message-ID: <3.0.5.32.19990320081332.007e0a60@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well, thus far has been between 40 and 60 degrees. So, watch for the qrp-1 report later this week. I'll keep you folk up-to-date on the wx. I've made arrangements to lay in good wx, but you know Mother nature is union so we'll have to wait and see.

72 de Scott/n3byy

At 12:24 AM 3/19/99 -0700, Paul Harden wrote:

>
>
>So what's the Atlanticon weather like? No reports yet. It snowed here
>for the first time all winter, which suddenly got me interested in the wx.
>
>CU friday,
>72, Paul NA5N
>
>
>

Date: Sat, 20 Mar 1999 08:13:09 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: bigdawg74@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36060] Re: What up with these digital hams
Message-ID: <36F39EE5.49389744@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bradford D Bilbrey wrote:

>
> I wanted to have a few QSO's tonight so I tuned to 14.060 and what do I
> hear, some sort of digital communications,

Even worse are the guys that do digital right on top of the beacon frequencies. ARGH! I guess I should get their call and send them a friendly note asking to move their frequency a little. But then again that just may make it worse, you know how people get....

Mike M. KU4QO
Palm Harbor, FL

Date: Sat, 20 Mar 1999 09:01:34 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36061] Re: What up with these digital hams
Message-ID: <003401be72da\$26a46ea0\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm sorry, I certainly didn't mean to imply that all FISTS ops are obnoxious. Any organization that supports Morse code is a good deal in my book.

But like any organization, they have their share of turkeys. And these turkeys always seem to head for .060. Caitlyn points out, and rightly so, that most QRO ops probably don't even realize that 14.060 IS a QRP calling frequency. But it seems awfully convenient that the same guys with key clicks halfway across the band are the same ones that want to show off their new dirty amp right on top of the QRP calling frequency.

They are definitely a minority among FISTS ops, tho. Of those folks calling CQ FISTS that I hear they are probably 1 in a hundred, and I tend not to monitor .058, so of all the FISTS ops, they are an even smaller percentage.

But I was definitely not intending to slam an organization that supports my favorite mode!

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 20 Mar 1999 07:05:14 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [36062] FS: Argosy 525 analog
Message-ID: <018101be72da\$b1719300\$80a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

FS: Argosy 525 analog 80-10m 50w?/5w - w/options

Rig receives FB! Great receiver - very sensitive! On tx the output power is down (1-20w max out). Using it at QRP levels is no problem of course. The unit needs some TT technician work or fix it yourself if you want full QRO power. Front panel and trim (8) are clean no significant scratches (1 un-original knob on drive cntrl) The clam shell case has some scratches. PTO needs lubrication - because on intermittent basis the PTO jumps 50 Hz while tuning - I have the \$20 PTO kit from TT.(included) But no time to fix it

This is a real QSO machine ... over a 1000 Qs this last year on it. including many plebs!

So I my offer.

- #525 Argosy - \$185
- #216 CW 500Hz xtal filter - \$40
- #224 2 stage audio filter - \$25
- #217 or #223? noise blanker great for mobiling - \$40

All together - \$245 - Shipped CONUS.

Will separate if 525 sells first.

Email: n0tu@webaccess.net

...Steve/n tu-Monument,CO

Date: Sat, 20 Mar 1999 09:12:29 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [36063] "psk31or there-abouts" not a joke
Message-ID: <19990320.091349.-30547.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Fri, 19 Mar 1999 "jk...snip...jk".com> writes:
...to the Group... >>>Last year, "jk..snip...jk" ran an april fools
article about.....<<<

Group...

So that some in group do not get the wrong conception,
this post is to inform.

Let me assure you, by no means, is this post a smoker,
my intentions are positive, technical and QRP.

Some think my post >>Re: psk31 or there-abouts<<
to ham-Joel and the Group was an April Fools Joke...

Let me assure you that was is no joke.

PSK31 is indeed a narrow band, weak signal mode.
The statements in my post are true. They were two way
contacts made by me, while QRP, (some were QRPP),
running the G3PLX, (thanks again Peter) V 1.05 software,
while in PSK31-BPSK and or PSK31-QPSK mode. As far as
I am concerned that was QRP to the max.

CW ops, please, don't take that the wrong way,
CW (in a tent, covered with snow) can be fun to the max too!
(especially when you are N3AAZ / VE8), so are many
of the other amateur modes...(but, for more than forty years,
I have been there and done most of that)...

...now I am trying something new and
just wanted to share with the group.

If you can't keep it positive and some what technical
please don't send it to the Group.

John
N3AAZ
FM19xa
.

>> -----
>> From: John R Kirby[SMTP:n3aaz-qrp@juno.com]
>> Reply To: n3aaz-qrp@juno.com
>> Sent: Friday, March 19, 1999 11:07 AM
>> To: Low Power Amateur Radio Discussion

>> Subject: Re: psk31 or thereabouts
>>
>> Joel and Group,
>>
>> Yep PSK31 is one super, weak signal mode, unbelievable!
>>
>> Here are some examples...
>>
>> MD to AZ (2000 miles) at 0.5 Watts,
>> MD to west coast at 5 Watts,
>> MD to Europe at 5 Watts,
>> and not just once but many times.
>>
>> A four way QSO to include OK2, FL, AZ, MD
>> (MD was 5 Watts) that lasted almost an hour.
>>
>> After going sk with a VE2 a G4 called me. I COULD NOT HEAR HIS
>SIGNAL
>> WITH MY EAR, I ONLY SAW HIS PRINT ON MY MONITOR. My RST was 329, I
>> gave
>> him a 319, I am sure we were both being very generous. The QSO
>lasted
>> twenty minutes with a worse case print of 80%, we did go QPSK with
>a
>> little improvement. I never did "hear" his signal and NEVER
>touched
>> the
>> receiver tuning control, in fact I "locked" the tuning control just
>in
>> case it got bumped, while other digitals were much, much louder.
>>
>> PSK31 (a keyboard to keyboard, rag chew mode) is so much more
>relaxed
>> than the other digital modes and as Joel pointed out, it requires
>much
>> less bandwidth, hence less QRM to other modes.
>>
>> The Windows version >>p31sbw105.zip <<
>> is free for amateur radio use and
>> can be downloaded from
>> >><http://aintel.bi.ehu.es/psk31.html><<
>> or if speed is a problem from
>> >><http://www.kender.es/~edu/psk31.html><<
>> you only need a sound blaster and a SSB radio,
>> ...thanks again Peter -G3PLX-, John...
>>
>> John
>> N3AAZ

```

>> FM19xa
>> .
>>
>>
>> On Thu, 18 Mar 1999 20:28:14 -0500 hamjoel@Juno.Com writes:
>> >Hi Peoples of the qrp-l
>> >
>> > Thought this might be of interest.... while playing on
>twenty
>> >meters today I bumped across a psk qso in progress.... soooos I
>> >spearmented...
>> > I turned the filter on the new improved qrp+ down to 100
>> >cycles er hz... got the signal in the pass band and listened
>> > ks4tl chating with w5brr and then another station came in,
>
>> >with brr I think, and all the time I had solid copy er print... hee
>
>> >hee .... and no, but not one bit of interference from any other
>> >station... after all, the filter was set at the 100hertz
>setting....
>> >'mazing....
>> > sure looks like psk 31 would really be hot... in bad
>> >conditions... when camping with a laptop and qrp rig... not to
>> mention
>> >a K-2 ... so I won't... hee hee....you can turn the audio output
>to
>> ur
>> >ears off... no noise operating... everything u need is on the
>screen,
>>
>> >easy to see... kinda makes "inside the sleeping bag" operation a
>> >snap.... don't even need a flashlight that much... sstv operation
>or
>> >rtty a snap also...
>> > 'course one could grab the cw key or keyer and a set of
>> >headphones or even mikeeeephone and leave the computer home...
>> > car camping, canoe camping, rv camping... short hike
>> >camping.....Hmmm maybe if I got a bigger kayak???
>> >
>> >C U
>> >joel kella a displaced south louisiana cajun ... in
>maine...
>> >_____
>
>> >You don't need to buy Internet access to use free Internet e-mail.
>> Get
>> >completely free e-mail from Juno at
>http://www.juno.com/getjuno.html

```

>> >or call Juno at (800) 654-JUNO [654-5866]

>>

>>

>> -----
>> You don't need to buy Internet access to use free Internet e-mail.

>> Get completely free e-mail from Juno at

>> <http://www.juno.com/getjuno.html>

>> or call Juno at (800) 654-JUNO [654-5866]

>>

>

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 09:19:33 -0500

From: "Ed Hare, W1RFI" <w1rfi@arrl.net>

To: qrp-l@lehigh.edu

Subject: [36064] Re: "psk31or there-about's" not a joke

Message-ID: <36F3AE75.1C7D@arrl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

John R Kirby wrote:

> Some think my post >>Re: psk31 or there-about's<<

> to ham-Joel and the Group was an April Fools Joke...

> Let me assure you that was is no joke.

There is another article devoted JUST to PSK-31 coming up in the May issue. (Even the League wouldn't carry a joke THAT far. :-)).

73,

Ed, W1RFI

Date: Sat, 20 Mar 1999 09:41:10 -0500

From: Dick Rucker <rrucker@clark.net>

To: qrp-l@lehigh.edu

Subject: [36065] Re: Calling Frequencies?

Message-ID: <v04011701b31963ce7c48@207.196.47.58>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Seems to me that Peter Martinez, G3PLX and father of PSK31, has a better idea. He says

"I never envisaged that we would want to have a calling channel and QSY off; rather just a channel which would be

- the first one you would use to call if there was no activity to be heard and
- the one on which you would leave your receiver to monitor a dead band.

If you QSY off and the band then opens up to somewhere else, no one listening hears you.

I say it's a meeting frequency. If it's busy, then that tells you the band is open. That's what you wanted to know. So call nearby."

Seems to me that would apply not only to QRP PSK31, but also to QRP CW or any other unique mode of info exchange.

Dick, KM4ML

>Perhaps, we are using the wrong description?

>

>I always thought that there were no 'calling frequencies' for QRP, but
>rather they are 'centers of activity', this would mean that people would
>congregate somewhere near them.

>

>de Dave (G0DJA)

>

>>You are right. The calling frequencies are just that, calling
>>frequencies, intended to contact others of the same interest and THEN
>>MOVE to another frequency near, or far, for the QSO.

Richard A. "Dick" Rucker
City of Fairfax, VA

Date: Sat, 20 Mar 1999 09:42:41 -0500
From: Steve <smann@advi.net>
To: dave.g0dja@psilink.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36066] Re: CW ques, followup
Message-ID: <36F3B3E1.13EB@advi.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here is a listing of some of the original Morse:

1 .--.	6
2 --..	7 --..
3 ...-	8 -....
4-	9 -...-
5 ---	0 ___ (long dah)

C .. . (yes, a space between parts of the letter!
I remember hearing this on the ham bands
in response to QRL?)
O .. (yes again, a space inside the letter!)
L ___ (long dah -- the two sources I checked both
list the zero and the L as the same symbol)
Y (oh, yes, more space inside!)
Z (and again, space inside!)

& (we still use this as a quickie for "and")
Capitalized
letter .. . --..
Dollar
sign ... --..
Pound
sterling - --..

>From this you can see that numbers did not have the same number of
elements in them. 1 and 7 have the same number of dits and dahs but
arranged differently.

However, here is a quotation from The Columbia Encyclopedia, 5th Ed.:

"So many phases of the telegraph had been anticipated by other
inventers, especially in Great Britain, Germany, and France, that
Morse's originality as the inventor of the telegraphy has been
questioned; even the MORSE CODE did not differ greatly from earlier
codes, including the semaphore."

Finally, don't forget that Morse was an artist who specialized in
portrait painting. His formal training was in art.

Steve, N4EY
Toast, NC

Dave Ackrill wrote:

>
> The story goes that Morse, and his assistant analysed the numbers of each
> letter used in a printing shop, and assigned short characters to the most
> used and progressively longer to the least used.
>
> All numbers, of course, have the same number of elements to them, but have
> an increasing number of dits to dahs, up to the number 5 and then an
> increasing number of dahs to Zero. :o)
>
> Rather than being 'simpler to remember' the most used letters are the
> shortest to send thus saving time on the wires!
>
> HTH de Dave (G0DJJA)
>

Date: Sat, 20 Mar 1999 08:01:55 -0700
From: Rod Cercone <rwcc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36067] What's going to happen when...
Message-ID: <4.1.19990320075704.009c3cf0@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

...the Sun-spot cycle is on the decline?

Folks:

Got to thinking, right now we are all have a lot of fun at QRP levels, with
very simple equipment. But, the spots are with us. For those who have been
around for a cycle or two: What will it be like when the Sun spot cycle is
at a low point?

72/3 N0RC
Rod Cercone, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Sat, 20 Mar 1999 09:17:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Rod Cercone <rwcc@frii.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36068] Re: What's going to happen when...
Message-ID: <Pine.LNX.3.95.990320091436.32767D-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

You'll still be making lots of contacts Rod....when the VK0IR Dxpediton was on Heard Island at the bottom of a sun spot cycle, they established an all time record for total number of contacts, which included QRP contacts! ...so I think the lesson here is don't worry about it, get on the bands and have FUN making Qs!

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

On Sat, 20 Mar 1999, Rod Cercone wrote:

> ...the Sun-spot cycle is on the decline?
>
> Folks:
>
> Got to thinking, right now we are all have a lot of fun at QRP levels, with
> very simple equipment. But, the spots are with us. For those who have been
> around for a cycle or two: What will it be like when the Sun spot cycle is
> at a low point?
> ---
> 72/3 N0RC
> Rod Cercone, QRP-L #1764.
> Fort Collins, CO
> da di dah
>

Date: Sat, 20 Mar 1999 10:16:52 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [36069] Digi-stuff on 40.
Message-ID: <3.0.32.19990320101644.006f3ef0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear gang.,
7040 often becomes unusable here in the Bluegrass due to digital stuff. It's not ritty, just bursts that often go on for hours, and often sounds like the same station camped out on the frequency. In a QSO with Ed, WE6W, I mentioned the "digi-crap QRM" and he replied "What digi-crap?" so evidently it is a problem only on this coast.
Anybody else hear this stuff?

I'm tempted to invest in the hardware to find out what "BrrrrrAAA
PPPPPP????...pause... BrrrrrAAAPPP??" for 2 Or 3 hours means.
Is it a query from another dimension??
Is it legal to sit on a frequency for hours?

This is purely a question from here (no judgement}...yes I know we don't
own the frequency ...yes I know about images and yes I have 2 outstanding
receivers and several tuned antennas.

72 and 73 Pete NV4V ex W4VCT, WB2HRF, K0CJF
Somewhere South of Nonesuch, Ky.
and N.E. of Gravel Switch

Date: Sat, 20 Mar 1999 07:20:40 -0800
From: "Dennis B. Dolle" <dolledb@cet.com>
To: <qrp-1@lehigh.edu>
Subject: [36070] Dumb Wire Question
Message-ID: <004501be72e5\$3800b400\$6a5a60ce@dolledb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow Masochists,
I should know the answer to this one. All this talk about wire got me to
thinking (about as rare as frog fur). I always like to have a little magnet
wire around to wind those pesky toroids. Bought a magnet wire kit from
Dan's...a nice assortment and just the right amount at a good price.
Trouble is the wire sizes were not indicated on the little hanks of wire....
sooooo, how can I gauge this little stuff so I know which wire size that I'm
using to wind too many or too few turns on those little powdered metal
hoops?

Dennis, K7YN
Spokane, WA

Date: Sat, 20 Mar 1999 15:21:50 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36071] Re: Repetition on CW test?
Message-ID: <36f5bcc9.42127647@mail.earthlink.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Fri, 19 Mar 1999 23:22:16 -0800, Russ Dow <n7dw@garlic.com> wrote:

>On the rest of the test there are no repeats, so copy all you
>can! On the air you'll hear tons of repeats, especially names and QTHs.

But QSO's on the air are rarely at 599+200 dB with zero QRM/QRN!

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"
Member -- Tennessee Contest Group

Date: Sat, 20 Mar 1999 15:27:52 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36072] Re: What's going to happen when...
Message-ID: <36f6bd6f.42294062@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Sat, 20 Mar 1999 08:01:55 -0700, Rod Cerkoney <rlwc@frii.com> wrote:

>What will it be like when the Sun spot cycle is
>at a low point?

=46un and challenging.

Lest we forget, the foxhunts, 50/40/30, QRPTTF, and several other =
activities,
and a quite popular club (NorCal) began well after the last sunspot peak.
Personally, I don't like slogging through the pileups, which is why I =
moved to
QRP to begin with. So I'm actually looking forward to the decline of the

sunspots, when if propagation is with you, you can actually chat for a =
moment
or two instead of MARTY TN 559 NR953 TU 72

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"
Member -- Tennessee Contest Group

Date: Sat, 20 Mar 1999 08:23:25 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36073] NC20 info
Message-ID: <36F3BD6D.68BC@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPers!!

My NC20 works very well, but has a few glitches. My RIT acts like an XIT
when turned to the right, but when turned to the left has no effect on
the transmit. Kinda strange, and Im wondering if anyone else's NC is
doing that and whats the cure??
I remember hearing someone else with the same problems but lost the
post.....So, whats the fix?? 72, Tom WB5QYT

Date: Sat, 20 Mar 1999 10:38:56 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36074] Want to try LINUX cheap?
Message-ID: <199903201539.PAA73490@out5.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, with all the interest lately on the list, if anyone wants a copy of Red Hat LINUX 5.1, the commercial boxed copy with the book and three CD-ROMs, (one rev back from the current 5.2), you are welcome to my copy for, oh... is \$10 fair? Just add shipping by your favorite method. \$3.20 should do it for Priority Mail if don't insure, and \$4.05 if I do. Any takers?

72/73,
Caity
KU4QD

Caitlyn M. Martin	"They have computers... and may have
cait.martin@ibm.net	other weapons of mass
http://www.caitys-world.com	destruction" -Janet Reno

Date: Sat, 20 Mar 1999 10:45:34 -0500
From: Richard Arland <k7sz@epix.net>
To: plburbank@kih.net, qrp-1@lehigh.edu
Subject: [36075] Re: Digi-stuff on 40.
Message-ID: <36F3C29E.674F53C9@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Pete Burbank wrote:

>
> Dear gang.,
> 7040 often becomes unusable here in the Bluegrass due to digital
> stuff. It's not ritty, just bursts that often go on for hours,
> and often sounds like the same station camped out on the frequency.

Dear Pete and Gang:

I have suffered flames galore regarding this topic. For the last umpteen years the ARRL has listed 7040 as the QRP AND RTTY calling freq on 40 meters.

My major problem is why don't these digital hams listen before they "burp"? I have worked enough 40 meter CW using QRP to KNOW that many of the other QRPers on 40 have 579-599 signals here in NE PA. I find it very hard to believe that the digital folks can't hear us. Especially some of the "hard core" 40 meter QRPers who have really good antennas.

It boils down to "move over and let them play" because we certainly don't have the kind of RF power to "force" anyone to move...and that would be illegal operations, malicious interference, and all that.

We just need to "play nice" and everyone can get along just fine.

73 Rich K7SZ

Date: Sat, 20 Mar 1999 09:07:31 -0800
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: bigdawg74@juno.com, qrp-1@lehigh.edu
Subject: [36076] Re: My Apologies to the List
Message-ID: <36F3D5D3.36A2@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It is only because ARRL said so.

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sat, 20 Mar 1999 08:06:12 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36077] Re: Dumb Wire Question
Message-ID: <199903201608.IAA11070@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dennis B. Dolle <dolledb@cet.com> wrote:

> I should know the answer to this one. All this talk about wire got me to
> thinking (about as rare as frog fur). I always like to have a little
magnet
> wire around to wind those pesky toroids. Bought a magnet wire kit from

> Dan's...a nice assortment and just the right amount at a good price.
> Trouble is the wire sizes were not indicated on the little hanks of
wire....
> sooooo, how can I gauge this little stuff so I know which wire size that
I'm
> using to wind too many or too few turns on those little powdered metal
> hoops?

We Spokanites must think alike. I've been pulling wire out of motors,
transformers, and the like, and I have a set of calipers that would measure
to 0.001 inch and could probably get a micrometer if I had to. The problem
is, once you know the diameter of the wire, where do you look up the gauge
size?

--Frank, AB7YT

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com --*-- (509) 326-7147 --*-- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Sat, 20 Mar 1999 11:06:12 EST
From: MJC191@aol.com
To: qrp-l@lehigh.edu
Subject: [36078] re: CW ques, followup & SK
Message-ID: <fb600658.36f3c774@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Steve N4EY wrote:

"Here is a listing of some of the original Morse:

1 .--.	6
2 ..-..	7 --..
3 ...-.	8 -....
4-	9 -...-
5 ---	0 ___ (long dah)Steve"

This reminded me of a story an oldtimer told me about the origin of our
prosign SK for end of transmission. In the days of railway telegraph, the
numeral 30 was used to signify "end of transmission", which in the original
Morse comes out as

didididahdit daaaaaaaaaaaaaaaaaah. Didn't take long for some ham fisted
amateur to run it together until it sounded more like didididahdidah.

72 to all

Mike NA1XX
North Weymouth MA
QRP-L # 1588
"When All Else Fails ... CW"

Date: Sat, 20 Mar 1999 11:20:42 EST
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [36079] Re: Digi-stuff on 40.
Message-ID: <6ea89558.36f3cada@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 3/20/99 10:23:58 AM EST, plburbank@kih.net writes:

snip

> It's not ritty, just bursts that often go on for hours,
> and often sounds like the same station camped out on the frequency.
> In a QSO with Ed, WE6W, I mentioned the "digi-crap QRM" and he
> replied "What digi-crap?" so evidently it is a problem only on
> this coast.
> Anybody else hear this stuff?
> I'm tempted to invest in the hardware to find out what "BrrrrrAAA
> Pppppp????...pause... BrrrrrAAAPPP??" for 2 0r 3 hours means.
> Is it a query from another dimension??

snip

I've heard this and had the same experience -- seemed worse on my end of the QSO with a West Coast station. I've found that DSP and a notch filter helps, but during one fox hunt I actually had to take my phones off and lay 'em on the bench as I reached for the gain dial. LOUD while I was straining for the Oregon fox...ouch. "BrrrrrAAAPPP" is a good description.

-MAC-
KF4KSM
Odessa, FL

Date: Sat, 20 Mar 1999 11:27:34 EST
From: ka7you@juno.com
To: fgrig@iea.com

Cc: qrp-1@Lehigh.EDU
Subject: [36080] Re: Dumb Wire Question
Message-ID: <19990320.084744.12895.7.ka7you@juno.com>

Have you tried the "Wire Table" in the ARRL Handbook?

It is in three editions that I have.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 09:24:37 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36081] NC20 info
Message-ID: <36F3CBC5.6E2@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPer's!

Lil bit of chirp has been detected on the NC20. Think I heard a post
about maybe changing out the regulator?? 72,Tom WB5QYT

Date: Sat, 20 Mar 1999 09:29:05 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36082] Good QRP qso!
Message-ID: <36F3CCD1.557@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPer's!

Just had a nice qso with Kelly WB0WQS with my NC20! 20 meters is hoppin

with qrp'er's this mornin! Having fun with my new rig! This receiver is something else in this rig. Runs circles around my 706! Very good qsk. I m sure I will get the bugs worked out of it.

When does the 40m version come out from Red Hot Radio I wonder??? Gotta have on!!!!

Hpe to work some more qrp-l ers on 20 today...

72, Tom WB5QYT..." Have spud gun will travel!"

Date: Sat, 20 Mar 1999 09:37:27 -0700 (MST)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@lehigh.edu
Subject: [36083] Re: What up with these digital hams
Message-ID: <199903201637.JAA22860@rgfn.epcc.edu>

Sure get tired of reading poor excuses for the digital dummies, who apparently for the most part DO NOT care where they operate, and have a clear path because of the ARRL recommended 'DX CALLING' frequency. It is not only on 40, gut on 30, 40, and 15 even when the normally used digi/rtty freqs are vacant, they seem to insist on parking on or just below the qrp calling area. Just poor operating skills on their part!

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sat, 20 Mar 1999 10:53:37 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: n3aaz-qrp@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36084] Re: "psk31or there-about's" not a joke

Message-ID: <36F3D291.5EDE1181@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Once again, seems we need to remind ourselves that QRP is not limited to just CW operation. QRP SSB - QRP RTTY - QRP FM - QRP PSK31 - QRP ad infinitum: all are QRP if they meet the output power definition.

Enough on this one?

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Fri, 19 Mar 1999 23:59:16 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [36085] Digital Smigital and qrp cw
Message-ID: <19990320.120253.-291245.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

sry to poke my nose up again folks...

However... since sometime in 62 ...I started this ham thing and have been (by the old definition 0 to 100 w...) qrp most all that time....

I went 100% qrp 5w and less in 70 or thereabouts and did a bit of ic735 for a few years and went back to 5w or less a few years back with the qrp+

my experience with low power has been... good... and now that I can run the digital modes I find I like them also, along with ssb and sstv...

My experience has been that I can work anywhere I want to with low power and hang in there with the higher power guys on most occasions.... and retreat to thirty meters during contests... hee hee...

The MAJOR LIMITING FACTOR I have encountered with low power operation has been MY ANTENNA.... if it has been high up, or in the right place (even a dipole laying on the gnd) in the right location... I could work stations most of the time with no major problems...

I found no need to LIMIT OPERATIONS TO "CALLING FREQUENCIES" or modes of operation... or strongest signals only....only how well my antenna works is my limitation... and unless there is unusual noise or qrm I know when

I see my s-meter at a certain level I should be able to work the other station unless their receiving ability is limited...

I have also learned (finally) that calling frequencies work great at times or for a period of time and then there is conflict ,,,, 14.060 is a classic example...what hasn't changed... is to find a clear spot and call cq or "read the mail" on a qso and call one of the stations when that qso is over...

And now being able to answer digital with digital has opened the door to more qrp contacts... that's why I say digital or smigital... calling freq or not... give em a call or find a clear spot... and ur night will end happily more likely that not... unless there is unusual qrm, qrn or the antenna is a sorry lot...

OH, i aslo learned... qro, digital, sstv, ssb guys are mostly like me and u... they just do it with a bit more power... to keep the odds in their favor...

I think ham radio is like a rainbow and I try not to focus on only one color or I lose the excitement of the rainbow... build a rig... buy a rig,,,, find a clear spot and send out a cq.... in any mode... amazing things happen...

joel

ke1la in maine... looking for the clear spots...

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 12:03:42 -0500
From: Steve <smann@advi.net>
To: rwc@frii.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36086] Re: What's going to happen when...
Message-ID: <36F3D4EE.1AC0@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rod Cerkoney wrote:

>
> ...the Sun-spot cycle is on the decline?
>
> What will it be like when the Sun spot cycle is
> at a low point?

People who like minimalist antennas will probably change their minds.
I'm in the 4th solar cycle during my ham experience and about 30 years
of that involved QRP at some time or other. When the cycle is down, get
the best antenna you can!

Steve, N4EY
Toast, NC
ARC-I #3594
Zobbie badge #257

Date: Sat, 20 Mar 1999 12:01:16 -0500
From: Bill B Lazure <n2tpa@juno.com>
To: QRP-L@Lehigh.EDU
Subject: [36087] Re: trailer park antenna idea
Message-ID: <19990320.120310.6974.5.N2TPA@juno.com>

"Mike Yetko" writes:

>You know, I wonder how one of those clothes line hanger things
>that look like 'square umbrellas' would load up as the ground
>plane for a whip???

They look about the right size for a 10 or 15M Squalo too...

Bill
W2EB

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 11:15:24 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: dave.g@dja@psilink.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36088] Re: CW ques, followup
Message-ID: <36F3D7AC.219E4816@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

That is probably a true account.

For many years there was an analog analysis of printed character frequency: the manual type-setting cases used in print shops. These cases had partitions and boxes, etc. arranged in two ways: by size and by location within the case. The criterion for each was frequency of use. Thus, the letter 'e' had the largest "box" if I remember correctly, and it was located conveniently with respect to the boxes for the next-most-often used characters. Such locations reduced hand motion when setting type from the case unlike our QWERTY keyboards where key location was based on slowing down the typist to prevent jamming the mechanism!

Conclusion: type-setting cases have been around for a long, long time - probably long before Morse addressed the task of producing a code. Thus, it is very likely that some of his choices were made in a print shop as Dave suggests merely by examining a type case or two.

Another historical note that bears on today: there were always one or more cases of unsorted type in the shop that were called "hell boxes." Apprentice printers usually got the unpleasant task of cleaning up the hell boxes and replacing the type elements in their regular cases.

Perhaps a lot of what we hear these days on the bands is the long-delayed-echo of the reconstituted contents of a few hell boxes!

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Dave Ackrill wrote:

>

> The story goes that Morse, and his assistant analysed the numbers of each
> letter used in a printing shop, and assigned short characters to the most
> used and progressively longer to the least used.

Date: Sat, 20 Mar 1999 12:25:08 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Rod Cerkoney <rlc@fiii.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36089] Re: What's going to happen when...
Message-ID: <Pine.OSF.3.95.990320122408.27716B-100000@saturn.acs.oakland.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 20 Mar 1999, Rod Cerkoney wrote:

> very simple equipment. But, the spots are with us. For those who have been
> around for a cycle or two: What will it be like when the Sun spot cycle is
> at a low point?

Simple... you stay on the most popular QRP band. 40 meters!
Some of us stay there even now!

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sat, 20 Mar 1999 12:29:53 -0500
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: "'qrp-1'" <qrp-1@lehigh.EDU>
Subject: [36090] no chirp on n9mdk's NC20
Message-ID: <01BE72CD.75EA3CE0@default>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Well, I finally got a chance to work an NC20 this AM. Greg, N9MDK, out =
around Chicago sounded FB here in eastern PA. A very beautiful sweet cw =
note with no chirp or oscilation on his signal. Too bad band had sum qsb =
or we could have chewwed fat for a bit. Those NC's sure sound nice. Tnx =
Greg, I'll be lookin for ya agn soon.

So, if yer lookin to work an NC20, just listen for the nicest note on =
the band, it's probably an NC!

=09

72 de n3ysi, Paul in Quakertown, PA

Date: Sat, 20 Mar 1999 11:32:07 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: k7sz@epix.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36091] Re: Digi-stuff on 40.
Message-ID: <36F3DB97.160BC49F@swbell.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The issue is complicated by the presence and almost continuous operation of a number of largely unattended "robot" digital stations passing PACTOR and other mode mailbox traffic. They don't listen because there is no one there to hear!

The BRAAAP stations are very strong here in North Central Texas on both 40 and 20 around the clock when the bands are open. And, no, I don't remember ever hearing a CW ID or a QRL?

One of the most impressive aspects of PSK31 is its ability to give almost perfect copy when a 5-watt psk station is transmitting virtually on the same frequency as a S9+30 Brapper. Very frequently I watch almost perfect printing but am unable to even hear, much less copy, any CW ID from the psk31 station in the face of the QRM.

I suppose that at least some of the BRAAP rationale is that since they are already using the frequency (they evidently never stop communicating with their circuit mates even when no traffic is being passed), perhaps they feel that there is no need to QRL and standby for other users.

Not as a slam against ARRL -which I support and have for many, many years - but how often have you heard QRL? from them when it is time for code practice on 7047.5? We tend to accept this because of our support of the goals of such operation. And we make room for them.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Richard Arland wrote:

>

> My major problem is why don't these digital hams listen before they
> "burp"? I have worked enough 40 meter CW using QRP to KNOW that many of
> the other QRPers on 40 have 579-599 signals here in NE PA. I find it
> very hard to believe that the digital folks can't hear us. Especially
> some of the "hard core" 40 meter QRPers who have really good antennas.
>

Date: Sat, 20 Mar 1999 12:39:19 -0500
From: "Hugo W. Catta" <hugo@banet.net>

To: rwc@frii.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36092] Re: What's going to happen when...
Message-ID: <36F3DD46.C4C9FFCC@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'll be enjoying low-band QRP, (and QRO, as well) DX without all the noise that comes along with a high solar activity.

72, 73
Hugo
CX9AAK\W2

Rod Cerkoney wrote:

> ...the Sun-spot cycle is on the decline?
>
>snip....

>
> ---
> 72/3 NØRC
> Rod Cerkoney, QRP-L #1764.
> Fort Collins, CO
> da di dah

Date: Sat, 20 Mar 1999 09:33:56 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36093] Re: Dumb Wire Question
Message-ID: <199903201735.JAA15689@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

ka7you@juno.com wrote:

> Have you tried the "Wire Table" in the ARRL Handbook?
> It is in three editions that I have.

Do'h! There it is, the first table in chapter 20. But I have something of a reputation for asking first and looking around later. Thanks

--Frank, AB7YT

Frank and Karen Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people."

Date: Sat, 20 Mar 1999 11:36:50 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: ka7you@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36094] Re: Dumb Wire Question
Message-ID: <36F3DCB2.606AE5DC@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I use the extensive wire tables in Reference Data for Radio Engineers. Got it in 1956 in grad school, but it is still in print and is widely available in libraries, etc.

Also, I would bet that there is more than one web site that either has or has a link to wire info.

72/73, George
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

ka7you@juno.com wrote:

>
> Have you tried the "Wire Table" in the ARRL Handbook?
> It is in three editions that I have.

Date: Sat, 20 Mar 1999 10:43:12 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>

To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [36095] How good is K2's QSK
Message-ID: <01f101be72f9\$68eae400\$80a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hey K2 owners

.....How good is the K2's QSK? Really?

...is it as good as Ten-Tec like QSK?

Thumphless, clickless, no popping or pumping AGC??? eh??

what's all your road testing reveal?

TU & 72/73 ...Steve/n tu-Monument,CO

Date: Sat, 20 Mar 1999 11:46:45 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: mwattcpa@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36096] Re: Repetition on CW test?
Message-ID: <36F3DF05.93AB28E0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I remember that the hardest part of my code test at the FCC in 1946 was copying code sent by a tape machine! I had learned to receive by listening to QSOs - real ones with QRM, QRN, heterodynes, lousy fists, etc. Suddenly I was exposed for the first time to perfect code in a noiseless background - it nearly threw me! Plus, the audio oscillator tone of the machine was unlike any code signal I had ever heard. Fortunately, I got to use headphones since I was the only one taking the test. For two or more, they used a speaker which with the room echo made code suddenly a foreign language!

Moral, even today: be prepared for whatever comes out of the cans!

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Marty Watt wrote:

> But QSO's on the air are rarely at 599+200 dB with zero QRM/QRN!

Date: Sat, 20 Mar 1999 17:58:41 -0500
From: pmk@juno.com
To: qrp-l@lehigh.edu
Subject: [36097] Mag wire info from KD4OBQ
Message-ID: <19990320.175842.3350.0.pmk@juno.com>

AWG 24, 26 & 28 only

Just got home from the surplus. I guess I was close on the pricing. I miss quoted the gent. The wire is \$7.50 a pound with a 10 pound minimum. They did had some small pieces (.18 , .31 , .46 pound rolls) so I picked them up.

I went to the post office and weighed what the postage would be and 25 foot piece of #24 fit nicely into a envelope. I guess it would be fair to say a greenstamp (dollar bill) a envelope would work out OK.

Also a mailing label for each would speed up things.

I will only do a25' piece for a buk.

If you are interested send 1 dollar bill wrapped up in a piece of paper (dark preferable so no one can see it) and write the wire size on the back of the envelope and how many. (exc 28X2 24x1 and so on)
They will be mailed in separate envelopes so if you ordered 2 pieces of 28 and 1 piece of 24 the total will be 3 dollars.

That is about the best I can do . A 175 foot piece cost me \$2.33. If I get six out of that and 6 stamps at \$1.98 that comes to \$.72 and puts 28 cents in my pocket for running around and handling so I think it would be fair and worth my while if I get flooded with requests.

So remember a buk a piece (25 foot piece of AWG24 , 26 or 28).
If you want a piece of all 3, that's 3 buks.

Hope I didn't waste to much time. Just wanted to be clear on the
procedure.

72

Patrick KD4OBQ
1420 Guernsey St.
Orlando, Fl. 32804
(407-841-9539)

call anytime as I have no answering machine to bill you if I am not home.
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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 12:06:42 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [36098] What's going to happen?
Message-ID: <36F3E3B2.58A62202@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What I suspect is happening is the Sun has developed a leak and gas is
escaping thus lowereing the sun spots. Do you think we could beam a
strong laser beam up to the Sun and cauterize the leak and save HAM
RADIO as we know it? Lee Bahr w0vt

Date: Sat, 20 Mar 1999 12:36:09 -0800
From: w4bws@juno.com
To: r.hadley@www.mebbs.com
Cc: qrp-l@Lehigh.EDU
Subject: [36099] Re: April Fools Issues
Message-ID: <19990320.130425.-145113.1.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

one of my favorites was the "zero bandwidth" CW filter is 73 mag about 12 years ago.

It was a phone plug with a short inside. Worked only with head phones.

Don W4bws

On Fri, 19 Mar 1999 09:29:32 -0600 "Rick Hadley" <r.hadley@www.mebbs.com> writes:

>My two favorite April Fools issues were the Microband-FM article in
>QST back
>in 63 or 64 and the infamous Vampire Bat antenna that Tom Kneitel ran
>in the
>CB magazine S9 in the mid-sixties. That one was actually construction
>plans
>for a dummy load, and the article was full of wonderful claims.....no
>harmonic radiation, no TVI, the FCC will love it...all kinds of
>things, and
>everyone of them was true!

>

>Rick Hadley

>.-- ----- ..-. --.

>ARRL NCVA IBMA SPBGMA

>

>

>

>

Don Sanders W4BWS

694 E. Eau Gallie Blvd

Satellite Beach ,FL 32937

My favorite QRP rig glows in the dark

Date: Sat, 20 Mar 1999 13:19:20 EST

From: Bradley L Mugleston <kb0rol@juno.com>

To: qrp-l@lehigh.edu

Cc: bmug@gwl.com

Subject: [36100] NC-20 Status

Message-ID: <19990320.104545.7751.1.kb0rol@juno.com>

Ladies and Gentlemen,

OK, I got up early (for me anyway on a Saturday) to play with my NC-20)
I spend about an hour calling CQ at 5 watts into my 40M delta loop tuned
to 1.8 SWR with a transmatch - it's what I've got so it's better than
nothing. After an hour I had no replies.

Yes it hears - it hears very well - but still no replies. Any one have any suggestions? The only problem I've had while building the rig is doing the transmit frequency offset. All I ever got was a hum that changed in volume.

I decided to open it up again and I went through the tune up again. I did notice that TC7 is very sensitive to things around it. Touching it with my finger really change things - even touching it with a plastic tool made a difference.

One other thing I noticed (you send CQ enough times and you start noticing things) the tone starts off nice and crisp then it gets kind of hollow or thumpy sounding. If I pause, for just a second or two, it goes back to being nice and crisp then after one or two CQ's it goes back to the hollow/thumpy sound - it kind of builds to a constant hollow/thumpy sound.

While in the rig I also moved the AFA to manual mode - the constant reporting every time I changed frequencies was driving me nuts. I've spent most of my ham career not really knowing the frequency I was on I guess I really don't care that much. It's nice having a button to push to tell you though.

One more thing, with the AFA in the auto mode I would get these periodic dits that sounded like they were from the TiCK (same tone). They sounded like the ones you got when you turned the tune knob - but I was just listening - do I have a problem?

Just remembered some more things:

What keying speed does the TiCK come up on?

In the manual it talks about upgrading some of the chips but it doesn't say to what (TechAmerica Parts number would be nice) ?

If you've gotten this far I have only one last question. I started to play with my NC paddles and the contacts aren't that great. I did get the extra silver plated contacts to add to it but I'm lost - do I file down the posts on the contacts and solder them in place or what is the best way to attach them?

Thanks for all the help

de KI00T, Brad

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 13:32:12 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@lehigh.edu
Subject: [36101] TRADE ONLY
Message-ID: <15558-36F3E9AC-945@mailtod-141.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

mint norcal 40a runs approx 4 watts, only has one mod beside pwr, a
switch for low part of band and high part of 40.
works great/with manual

trade
for mfj 17 mtr qrp xcvr only
qsl k8len/pat

Date: Sat, 20 Mar 1999 18:33:07 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <bahr521@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [36102] Re: What's going to happen?
Message-ID: <009201be7300\$1a392720\$ca42b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Golly, I don't know! What kind of screws is holding that laser gun together
and does it use no: 26 or 28 enamel wire. Also, does that laser beam put
out any harmonics anywhere near the qrp real or perceived calling
frequencies? huh? Why don't you get a consensus of the group and post the
results, huh? 8-)

de Steve, W8SFF

----- Original Message -----

From: Lee Bahr <bahr521@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, March 20, 1999 18:06
Subject: What's going to happen?

>What I suspect is happening is the Sun has developed a leak and gas is
>escaping thus lowereing the sun spots. Do you think we could beam a
>strong laser beam up to the Sun and cauterize the leak and save HAM
>RADIO as we know it? Lee Bahr w0vt
>

Date: Sat, 20 Mar 1999 12:36:31 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36103] Re: Digi-stuff on 40.
Message-ID: <36F3EAAF.7FABDF4F@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George T. Baker wrote:

>
> The issue is complicated by the presence and almost continuous operation
> of a number of largely unattended "robot" digital stations passing PACTOR
> and other mode mailbox traffic. They don't listen because there is no one
> there to hear!

My guess is that what you are copying is coming from the caribbean or
South America. There that kind of unattended operation is legal. My
understanding is that unattended digital is only legal in the US in
certain portions of the band. On 20m, I believe it is above 14095 or so.

Mail boxes are okay anywhere since even if the owner of the mail box
isnt home, the station attempting to call him is or there would be no
connect. If the stations you are copying are in the US, it is this type
of operation that you are likley hearing.

These are fixed in frequency which explains why you would hear it over
and over. Unless you are hearing both signals chirping away, its likely
that the operator calling into the mail box didnt hear the frequency was
in use because the skip didnt favor your area.

73 de Dave, N0IT

Date: Sat, 20 Mar 1999 12:57:02 -0600

From: Dave Sjolin <sjolin@swbell.net>
To: af852@rgfn.epcc.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36104] Re: What up with these digital hams
Message-ID: <36F3EF7E.1C8FE789@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

William R Colbert wrote:

>
> Sure get tired of reading poor excuses for the digital dummies, who
> apparently for the most part DO NOT care where they operate, and have
> a clear path because of the ARRL recommended 'DX CALLING' frequency.

Sure get tired of reading poor excuses for the qrp dummies, who
apparently for the most part DO NOT care where they operate, and have a
clear path because of the ARRL recommended 'QRP CALLING' frequency.

If you think this comment is ridiculous, think about it. :-)

73 de Dave, N0IT

Date: Sat, 20 Mar 1999 12:10:02 -0700 (MST)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-1@lehigh.edu
Subject: [36105] Re: What up with these digital hams
Message-ID: <199903201910.MAA06212@rgfn.epcc.edu>

That is exactly the type comment I would expect from a digiteer supporter, but the problem does not only extend to the qrp operator, but to the voice operator in the case of 40, to the commercial stations on 30 which have spectrum priority, it comes down to inconsiderate operating habits on their part as well as lack of consideration for everyone else - like road rage and my yard is my yard, keep it the way I want, junky or n ot.

--
Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sat, 20 Mar 1999 12:21:05 -0800
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: rwc@frii.com, qrp-1@lehigh.edu
Subject: [36106] Re: What's going to happen when...
Message-ID: <36F40331.3FA@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Last low point, 80,40 and 30 meter dx was very good and easily workable with qrp. So I think not going to be much of a problem Enjoy.
--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sat, 20 Mar 1999 11:50:40 -0800
From: David Fifield <fifield@pacbell.net>
To: kb0rol@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36107] Re: NC-20 Status
Message-ID: <36F3FC10.E30E7D85@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brad,

I think you have a couple of problems with the rig by the sound of it.

1. It sounds like your Q9 (MPF102) is horked. Paul Valko had this problem. He had cruddy sounding sidetone and extra pips in the audio until he replaced this FET. Use a 2N5457 or J309A here, the MPF102 is an inferior device apparently.

A note for future Red Hot Radio buyers - I will be replacing all the MPF102's in the design with 2N5457's *8^)

2. It sounds like you don't have the TX offset correctly set up. Turn OFF the TiCK's sidetone ("a" option). Fit a 10K resistor in R52 temporarily (just poke it through the holes without soldering it in). Then transmit - slowly adjust TC7 until you hear your own transmit signal. The tuning is sharp and you need to use a non-metallic tool. You should be able to set the offset to a nice note that matches the receive note you like to hear. Once it is is set, remove R52 and you are done!

If TC7 is varying (mechanically), it may be damaged or not soldered in solidly. Check for this. If you need a new trimmer here, let me know.

The choices for other op-amps for U1 and U5 is large. I left it up to the experimenter to come up with their fave part. In reality, unless you are trying to squeeze every ounce of performance out of the radio, you really do not have to replace these parts at all. (e.g. I haven't on *any* of my NC20's or RH40's)

Someone else will have to take up your question about the paddles
Brad - I'm no expert there.

Let me know how you get on.
72, Dave Fifield, AD6A

Bradley L Mugleston wrote:

>
> Ladies and Gentlemen,
>
> OK, I got up early (for me anyway on a Saturday) to play with my NC-20)
> I spend about an hour calling CQ at 5 watts into my 40M delta loop tuned
> to 1.8 SWR with a transmatch - it's what I've got so it's better than
> nothing. After an hour I had no replies.
>
> Yes it hears - it hears very well - but still no replies. Any one have
> any suggestions? The only problem I've had while building the rig is
> doing the transmit frequency offset. All I ever got was a hum that
> changed in volume.
>
> I decided to open it up again and I went through the tune up again. I
> did notice that TC7 is very sensitive to things around it. Touching it
> with my finger really change things - even touching it with a plastic
> tool made a difference.
>
> One other thing I noticed (you send CQ enough times and you start
> noticing things) the tone starts off nice and crisp then it gets kind of
> hollow or thumpy sounding. If I pause, for just a second or two, it goes

> back to being nice and crisp then after one or two CQ's it goes back to
> the hollow/thumpy sound - it kind of builds to a constant hollow/thumpy
> sound.
>
> While in the rig I also moved the AFA to manual mode - the constant
> reporting every time I changed frequencies was driving me nuts. I've
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> guess I really don't care that much. It's nice having a button to push
> to tell you though.
>
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> Just remembered some more things:
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> If you've gotten this far I have only one last question. I started to
> play with my NC paddles and the contacts aren't that great. I did get
> the extra silver plated contacts to add to it but I'm lost - do I file
> down the posts on the contacts and solder them in place or what is the
> best way to attach them?
>
> Thanks for all the help
>
> de KI00T, Brad
>
> -----
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> or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 11:55:48 -0800
From: David Fifield <fifield@pacbell.net>
To: n0tu@webaccess.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36108] Re: How good is K2's QSK
Message-ID: <36F3FD44.EB4D9B78@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steve,

Although I don't yet own a K2, I have seen them many times and played with them on the air. IMHO, the QSK is great. There is no hint or trace of clicks, thumps, AGC pumping etc. Just nice and smooth and clean - like it should be.

72, Dave Fifield, AD6A

Steve/n0tu wrote:

> Hey K2 owners

>How good is the K2's QSK? Really?

(snip)

Date: Sat, 20 Mar 1999 13:16:14 -0700

From: Gary L Surrency <gsurrency@juno.com>

To: kb0rol@juno.com

Cc: qrp-1@Lehigh.EDU

Subject: [36109] Re: NC-20 Status

Message-ID: <19990320.131729.-3991821.1.gsurrency@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Brad,

If you can't get a clean-sounding sidetone when following the procedure in the manual (page 15, last two paragraphs on the right side of the page), then you may have a problem. Go back and redo the TX bandpass filter adjustments with the power reduced to only 1-2 watts.

TC7 is quite touchy to set the TX offset, but you should be able to hear a clean tone when R52 is temporarily installed and the TiCK sidetone volume is turned down. If not, then the transmitter stages need to be examined further.

Make sure your power supply is good, and the antenna feedline is OK. Watch out for AC hum introduced by not having a good ground on either the power supply or rig and antenna.

The AFA will "tick" in auto mod if the VFO freq. changes, due to drift, hand capacity in the area of the VFO components with the covers off, etc. Otherwise, it is quite stable and quiet when not reporting the freq.

And, get that SWR lowered, too. Use a tuner if necessary.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 12:59:39 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@lehigh.edu
Subject: [36110] NC-20 chirp
Message-ID: <19990320.131729.-3991821.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Several things will make the NC20 chirp. The most likely one is using too small of a power supply, or using a good power supply but little bitty wires for the DC cable. Be sure to use decent sized wire gauge, like at least #18 or so, and do not make the DC cable longer than it needs to be. I try to keep mine 3 feet (1 meter for our metric friends) or less. Also make sure that you have the correct DC power plug and that it fits the connector on the NC20 tightly.

It was mentioned that the DC coaxial jack in the NC20 is the smaller, 5.5mm OD 2.1 mm ID type. This connector has caused me and a lot of the rest of you some problems, since a lot of other QRP gear has a 5.5mm OD 2.5mm ID jack. Well, even replacing the smaller connector with the larger one can still leave a poor fit, as not all DC coaxial connectors are the same dimensions even though the specifications may say so.

I had some 5.5mm/2.5mm DC jacks I bought from Jameco a while back to use when I was building the little Morse keyboard controller that was in QST a while back. Those connectors do not have a center pin that is as large as the DC jacks in my S&S TAC-1's. Even when using a proper sized DC plug of 5.5mm/2.1mm, I could wiggle the plug and get an intermittent contact.

So, I called Dick at S&S and asked him where he gets those good DC power jacks. He was kind enough to look for me it up in the materials list for the kits. He said he buys them from Mouser, pn. 16PJ302. \$0.49 ea. So

yesterday I got on-line to:

<http://www.mouser.com>

and ordered 10 of them, plus the matching DC plugs that have a nice flexible strain relief. Mouser pn. 171-072 \$0.90 ea.

The email confirmation I got back from Mouser states these connectors are made by DGS, if that rings a bell (or not) for anybody. I intend to replace any and all DC coaxial jacks and plugs with these from Mouser if they turn out to be good quality ones.

A shameless plug for S&S:

I still like these single band QRP kits better than any QRP rig I've ever built. Check them out at: <http://www.xmetric.com/sseng>

They also have freq. counter and DDS kits.

As for other sources of chirp:

I tried a number of 78L08's in my rigs, and never found one that caused any difference in chirp. My new kit had a tiny chirp and the old reliable prototype kit was not afflicted with any chirp once I got a good DC cable on it.

A bum MPF102 at Q1 may be a source of chirp, or Tom's odd XIT behavior. So try swapping it out for a good J309A or a 2N5457 as suggested by N7IR. The bad JFET would cause the TX signal to move when you change the RIT control.

A 3.3k to 4.7k resistor across RIT control VR2 will also help the RIT to be more "centered" if the detent resistance of the pot is not real close to the center of the pot's resistance. This error can be tuned out with the TX BFO adjustment of TC7, though. The only remaining thing you might notice is that the RIT has more or less range on one side of the detent, but it shouldn't be much. And this should not be a source of chirp if Q1 is good.

Lastly, a bad LF351N at U1 could feasibly cause some chirp due to poor supply supply rejection ratio (PSSR), but that's also pretty unlikely. I tried some other type of op-amps for U1, and they all performed OK. Even the old LM741 worked well. So if U1 is socketed in your kit, you could try it to see but I don't expect there will be much, if any difference in the op-amps output voltage stability.

I suspect most of the chirp problems are due to DC supply droops from folks using too small wire in the power cable, or a weak battery, poorly regulated power supply, or worse yet - a DC wall wart! =:-o

Perhaps this info will help out with some of the chirpy sigs from NC20's I hear. If anyone has any other fixes, please let us know. If I come up with any breaking news or mods to eliminate chirp, you can be sure I'll post it here.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 20 Mar 1999 15:49:22 -0500
From: David Corkran <dcork@sl001.infi.net>
To: qrp-l@Lehigh.EDU
Subject: [36111] Spring Shack Cleaning Update
Message-ID: <l03130301b319b9e0add9@[208.136.65.72]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I would like to thank everybody that responded to my Spring Cleaning Sale. All Items have been sold with the exception of the Argonaut Station. This will be the last time I will post it here.

Complete Ten Tec 509 station with matching Calibrator and audio filter, 405 50w amp and 252M 20 amp power supply, new hand mike and the old style (Ten Tec) desk mike. The 509 is a 9.5 and the accessories are all 10s. Will also throw in a MFJ 945 Antenna tuner in matching Ten Tec case. And yes I have the manuals for everything but the tuner \$450 obo plus shipping

73's and Happy DX

David Corkran (KE4BAF)
5839 Glen Forest Dr
Falls Church VA 22041-2512
703-933-7976

Old QTH
108 Kingsley Rd SE

Vienna Va. 22180-6501

Date: Sat, 20 Mar 1999 17:03:13 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [36112] Re: CW ques, followup
Message-ID: <Pine.LNX.3.93.990320165428.601A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 20 Mar 1999, George T. Baker wrote:

> more cases of unsorted type in the shop that were called "hell boxes."

This is what my grandfather (a world class basement tinkerer) used to call that box/jar/bag we all have that contains all the screws, nuts, washers, odds and ends that are too good to pitch, and that we *might* someday need:)

He also gave me the "rules" of the hardware hell box. You must never ask it for X number of matching screws/bolts/whatever, but only for X screws that will work. Otherwise it will let you find something sharp in the bottom with a fingertip:) It seems true enough to me after 25 years of digging in hell boxes...

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Sat, 20 Mar 1999 15:00:33 -0600
From: "JUNIUS B FOX" <w5hir@gte.net>
To: <qrp-l@lehigh.edu>
Subject: [36113] QST article
Message-ID: <004d01be7314\$bb9b2640\$04000005@w5hir.gte.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have need for a method of determining just where the screwdriver is set,

somewhere I am told tat w6aaq had developed a method called the "SWAILER", and that the article was published in the QST on January 1986. It is touted as being an "Audible swr swailer"

If someone on the list has a copy of this article, I would greatly appreciate getting a copy. Of course I will reimburse for copying and mailing.

Gratefully,

Foxy w5hir@gte.net

Five out of four people have trouble with fractions

Date: Sat, 20 Mar 1999 13:14:44 -0800 (PST)
From: Jim NOUR <n0ur@yahoo.com>
To: QRP-L QRP-L <qrp-l@Lehigh.EDU>
Subject: [36114] FOXii Scores??
Message-ID: <19990320211444.21993.rocketmail@send205.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've been away from the list the last few weeks. Has the Foxii scores been posted yet?? If so could someone forward them to me?

I really missed them not being posted, it made for some real drama last year when we came to the home stretch.

Thanks,

Jim, NOUR

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sat, 20 Mar 1999 16:28:03 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Macstein@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36115] Re: Digi-stuff on 40.
Message-ID: <36F412E3.1FFF@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mac,

The sound you, and others describe, sounds a lot like Packet. Don't know for sure since I've never heard it but?

73

Date: Sat, 20 Mar 1999 16:31:01 -0800
From: w4bws@juno.com
To: qrp-l@Lehigh.EDU
Subject: [36116] Re:11-2-10
Message-ID: <19990320.163120.-254197.2.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Activity is picking up on the 10 AM frequencies.
Steve Weber, KD1JV, did a great job on thismod kit.
I hope to have the control unit debugged on my 2 meter QRP
repeater here in Melbourne, FL by May and the 29.060 Am rig
will be interfaced into the 146.025/.625 in/out repeater.
This should open some fun into central florida when ten is open.
I also have a 52.525 QRP FM rig that will be on line. That will allow
crossband qso's. Now if I can figure how to interface the MFJ 9420
for 20 ssb it would be nice.

For all those who converted the Maxon or R/S radios to 10 meters,
the following table may help you figure out where you are.

29 Mhz AM Freq List 11-2-10

00	.000	10	.100
00*	.005	11	.110
01	.010	12	.120
01*	.015	13	.130
02	.020	14	.140
02*	.025	15	.150
03	.030	16	.160
03*	.035	17	.170
04	.040	18	.180
04*	.045	19	.190
05	.050	20	.200

05*	.055	21	.210
06	.060	22	.220
06*	.065	23	.230
07	.070	24	.240
07*	.075	25	.250
08	.080	26	.260
08*	.085	27	.270
09	.090	28	.280
09*	.095	29	.290
10	.100	30	.300

* denotes blink channel- 5 khz step
* works on all channels 00 thru 30

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Sat, 20 Mar 1999 16:47:54 -0500
From: Clay N4AOX <wyn@worldnet.att.net>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36117] Re: Digi-stuff on 40.
Message-ID: <36F4178A.624F@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

George T. Baker wrote:

>
> The issue is complicated by the presence and almost continuous operation
> of a number of largely unattended "robot" digital stations passing PACTOR
> and other mode mailbox traffic. They don't listen because there is no one
> there to hear!
>

That's interesting. It used to be (explicit or at least implied) that a control operator be on hand. It also used to be that a transmitter had to ID every ten minutes in CW or voice. I guess anything goes now, whatever it takes to sell appliances and subscriptions.

Anyway, I treat such unmanned disturbances as just a natural noise source just to be worked around. Of course I always listen and send

"QRL?". But, with a good IMD rating, a tight IF filter, stable VFO's, and DSP'd audio, working QRP CW without some good noise sources would be no challenge at all. ;-)

72/73,
Clay N4AOX

Date: Sat, 20 Mar 1999 17:16:26 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: wb5qyt@eFortress.com
Cc: qrp-l@lehigh.edu
Subject: [36118] Re: NC20 info
Message-ID: <199903202201.RAA11560@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>
> My NC20 works very well, but has a few glitches. My RIT acts like an XIT
> when turned to the right, but when turned to the left has no effect on

Hi Tom,

If RIT is turned on and off with a jfet (as I suspect) then you need one with a lower gate pinch off voltage. As the RIT voltage is reduced, there is less differential to keep it turned off. Maybe one of those 2N54?? will help here too.

A couple of months ago, I played with some simple RIT circuits and had much trouble with the effect you describe. The only thing that worked well is a true analog gate such as 4066, especially if the RIT voltage runs from ground to the +reg supply.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 19 Mar 1999 18:02:48 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: neil@aaade.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36119] Re: April Fools Issues

Message-ID: <36F2D798.D479ADD3@gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

neil wrote:

> My favorite from many years ago was Radio-Electronics magazine ran an
> April cover issues showing a "TUBE KIT" consisting of a box of grids,
> plate, filaments, glass envelopes and bases of various numbers of pins.
>

The latest edition or RE (now called either Electronics Illustrated or
Electronics Now...I forget which)
has an plans for an attenuator pad. It looks pretty good except for the
fact that there is absolutely no shielding between compartments.
Unfortunately, I think that the author was serious...he includes an address
for obtaining a parts kit. I still can't figure out if this is an April
Fool's article.

Date: Sat, 20 Mar 1999 17:42:05 EST
From: MertNellis@aol.com
To: qrp-l@lehigh.edu
Subject: [36120] Re: CW Sending
Message-ID: <fa45fa53.36f4243d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I use a paddle and keyer. My first paddle, and I still like it pretty well,
is an old bug modified to have three terminals (dit, dah and gnd) and with
the vibrating arm adjusted so that it doesn't vibrate but only makes contact
for dits. No squeeze but no extra dits or dahs to mess up either.
With my new NC-20 I use the Norcal paddle and it takes a more tender fist and
the iambic feature goofs me up sometimes but I am learning to like it.
I like a paddle and keyer because I can send at the speeds that I like best
(20-30wpm) without tiring out. Straight key nite is fun but tires me out very
quickly.
I've always worked 99% cw and been at it for about 58 yrs now. Enjoyable!
Mert, W0UFO from MN the land of 10,000 lakes and taxes.

Date: Sat, 20 Mar 1999 17:59:49 -0500
From: Paul Stroud <aa4xx@ipass.net>
To: John Paul Keon <jpkeon@bellsouth.net>
Cc: LYN/w4wdn <designserv@ipass.net>, Bob Kellogg <ae4ic@nr.infi.net>,
"WA4NID@amsat.org" <WA4NID@amsat.org>, "DLShips@aol.com" <DLShips@aol.com>,
"jmckee@rfmd.com." <jmckee@rfmd.com>, "randyh@harksystems.com"
<randyh@harksystems.com>, fred decker <fdecker@csi.com>,
Subject: [36121] Re: "Found it layin' beside the road"
Message-ID: <36F42865.800402EB@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Well ya never know how ham radio will influence your day-to-day life. Imagine kicking a wooden spool of rope a couple of miles up and down a busy interstate median. The rope was laying in a straight line in the grass and went on forever!!! Thanks to AB4PP and KE4SWL for helping rescue the rope. That's just the stuff we needed for guying our antennas at Core Banks next weekend. The QRP gods must be smiling on us, but Murphy is probably just waiting to announce his presence. :-)
72, Paul AA4XX

John Paul Keon wrote:

>
> Ok gang...
> Paul and I just talked.... on the phone...
> He needs glasses you know..
> I sent him to get some rope... that I found on the side of the road..
> and he could not find it..
> I mean 2-3 miles of the stuff just laying there for the taking....
> and he could not find it...
> Well. It turned out ok....I went down there and showed him where it
> was..
> he got it...
> enough for all our stuff..
> and then some..

> Thanks
> JP, AB4PP
>

> P.S. we will have a good time.....

Date: Sat, 20 Mar 1999 17:56:23 -0800
From: BC <bcrow@powerlink.net>
To: fgrig@iea.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36122] Re: Dumb Wire Question
Message-ID: <36F451C7.5281@powerlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The ARRL Handbook has a table of decimal to wire guage equivalencies.

72/73 de Bill, K1NIT

Date: Sat, 20 Mar 1999 15:55:41 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [36123] NC20 fun !
Message-ID: <36F4276D.76C2@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPer's!

Had a ball with the NC20 today! Thanks to all that responded to my questions about the slight chirp, and the RIT acting like an XIT. I headed out to buy the parts, only to find out they are closed on Saturdays! So, I will head out Monday and get a J-309A and a new LM7808.

Had a bunch of neat qso's today!

WA7LNW ...NC to NC qso...went as low as 100mw's and rec a 559!!

Also worked WB0WQS Kelly, KJ5XF,WA6NAE, AB7CE...

Thanks again for the help today guys!! 72, Tom WB5QYT "Have spud and bug will travel!"

Date: Sat, 20 Mar 1999 18:17:36 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "vhf@w6yx.stanford.edu" <vhf@w6yx.stanford.edu>, "Six Meters" <50mhz@qth.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36126] Want: NCG tribander (7/21/50)
Message-ID: <199903202317.XAA51848@out4.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, everyone,

I am resuming my quest to find one of these rigs. It's a tribander made by National Radio in Japan (Matsushita) and sold in the US as the NCG 7/21/50.

If you have one that works that you'd be willing to part with, please contact me.

Thanks and 73,
Caity
KU4QD

Caitlyn M. Martin
<http://www.caitys-world.com>

cait.martin@ibm.net

"A world community can only exist with world communication, which means something more than extensive shortwave facilities scattered about the globe. It means common understanding, a common tradition, common ideas, and common ideals."

- Robert M. Hutchins

End of QRP-L Digest 1401

